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No. 24.

UNITED STATES.

GEORGIA.

The smallpox situation in Savannah and vicinity.

It having been reported to the Bureau that cases of smallpox existed in Savannah, and also in the adjacent counties in both Georgia and South Carolina, from which country districts it was liable to be imported into the city, P. A. Surg. C. P. Wertenbaker was ordered to to proceed to Savannah and confer with the city officials and report on the situation. He reports as follows :

WILMINGTON, N. C., *May 30, 1899.*

SIR : In obedience to telegraphic instructions of May 23, 1899, directing me, upon being relieved by Assistant Surgeon Tabb, to proceed to Savannah, Ga., for conference with the mayor regarding the smallpox situation in that vicinity, I have the honor to report that I arrived at Savannah on the morning of May 27, 1899, and met Mayor Herman Myers, and Drs. LeHardy, Jarrell, and Graham of the city board of health.

The following history of the outbreak of smallpox in Savannah was given me. The first case appeared on February 22, 1899, in the person of a private of the Sixth Regiment Volunteer Infantry (immunes). This regiment had just returned from Arecibo, Porto Rico. The patient was treated in St. Joseph's Infirmary and recovered. From this case 5 other cases developed, 3 of them being attendants in the infirmary, and the other 2 being in the families of these attendants. From March 1 to March 8, 7 cases developed in the city, the source of infection being Aiken, S. C. One case had its source of infection from Newport News, Va., and in others, the source was Barnwell County, S. C. Barnwell and Aiken counties are near Savannah, and border on the Savannah River.

From February 22, 1899, to May 27, 1899, a period of three months, there have been 31 cases of smallpox in Savannah. For the week ended May 27, 1899, 7 new cases developed, all of them during the first two days; for the last five days of the week no new cases had been discovered. There have been no deaths, and the type of the disease has been mild. On May 27 there were 9 cases in the pesthouse.

Recapitulation.—First case appeared February 22, 1899; total number of cases to May 27, 1899, 31; total number of new cases for week ended May 27, 1899, 7; deaths, none; number of cases in pesthouse May 27, 1899, 9.

At the present time, the cases upon being discovered are at once removed to the pesthouse. All suspects are removed to the detention house and are held for fourteen days. One case was discharged on the twelfth day and developed the disease two days later.

There are 6 inspectors who make regular inspections in the districts where most of the cases have appeared, and vaccinate persons in that immediate vicinity, but no regular house-to-house inspection or vaccination for the entire city has been made.

I recommended that a house-to-house inspection over the whole city be made, and that vaccination be general, but especially among the negroes; that suspects be detained fourteen full days, and be thoroughly disinfected and vaccinated on admission, and again disinfected on discharge from detention. I have known of more than one instance in which suspects have been discharged under the fourteen days' detention, and the disease has developed on the fourteenth day. I have also known of suspects, discharged on the morning of the fourteenth day, and developing the disease on the afternoon or evening of the same day. I therefore always advise that suspects shall be detained fourteen full days, not counting the day of admission or the day of discharge, thus making, according to the usual method of counting days, sixteen days.

The situation in Savannah is encouraging, and the disease well under control. Their trouble lies in the fact that infection is being fed into the city from South Carolina and other sources. In order to ascertain what was being done in South Carolina, the mayor, at my suggestion, telegraphed to the State board of health of South Carolina, asking what measures were being taken to suppress smallpox in Barnwell and Aiken counties. The following reply was received from Dr. Evans, secretary of the board:

FLORENCE, S. C., May 27, 1899.

SIR: Your telegram in regard to the smallpox situation in South Carolina reached Florence during my absence. Dr. W. S. Cannon, of Ellenton, with his assistants, had charge of the cases of this disease in Barnwell and Aiken counties, and to-day I received a letter from him informing me that there were no cases in the territory over which he had supervision.

In Edgefield County, especially near Parkersville, there were a great number of cases at the beginning of the year, under the charge of Dr. Peter W. Bacot, who wrote me a week ago that the disease was stamped out in that locality, whereupon I ordered him to Bluffton and Hilton Head to investigate and determine the nature of an eruptive disease which a short time before had made its appearance in that section of the State. To-day I received a letter from him informing me that he had visited the infected places and found 5 cases at Hilton Head and 6 cases at Bluffton, which were brought to these places on steamboats from Savannah. The disease made its first appearance in this State in the counties of Greenville and York, and its origin traced to Atlanta, and it was introduced in the counties along the Savannah River in this State from Georgia.

JAMES EVANS, M. D.,
Secretary State Board of Health.

Hon. HERMAN MYERS, Mayor, Savannah, Ga.

I could learn of no cases in the immediate vicinity of Savannah, in the State of Georgia. Four cases were reported at Eastman, Ga., in Dodge County, some 40 miles south of Macon, and over 100 miles from Savannah, with no direct railroad connection. It had been my purpose to visit Eastman and look over the situation, but owing to a delayed train and faulty connections, I found that it would take several days to make the visit, and I did not consider that the situation warranted the expenditure of that much time.

I, however, wrote to Dr. Herrman of Eastman advising him as to the methods to be followed in handling the disease, and sending him copies of the Service précis on smallpox, and a circular on disinfection. I rejoined my station, Wilmington, N. C., May 29, 1899.

Respectfully, yours,

C. P. WERTENBAKER,

Passed Assistant Surgeon, U. S. M. H. S.

Smallpox in the county jail at Macon, Ga.

Two suspicious cases of an eruptive fever having occurred in the county jail at Macon, a request was received June 3 for an expert of this Service to be sent to Macon to determine the diagnosis and to recommend the method of procedure. Accordingly, Asst. Surg. G. M. Corput was ordered to proceed at once from Atlanta, Ga., to Macon. He reported that 2 cases of discrete smallpox had been removed from the jail to the pesthouse, and all the inmates of the jail vaccinated, but not until four days after exposure. Under his supervision the jail was thoroughly disinfected and all the usual precautions taken.

PENNSYLVANIA.

Report of State board of health.

PHILADELPHIA, PA., June 3, 1899.

SIR: Since my last report, April 27, 1899, smallpox has been reported in Pennsylvania as follows:

Bedford County.—Imbertown, 3 cases; St. Clairsville Township, 1 case; Napier Township, 3 cases; Sandy Run, 1 case; Stonertown, 3 cases; near Saxton, 2 cases.

Allegheny County.—Pittsburg, 5 cases; Carnegie, 1 case; Nevill Island, 6 cases; Bridgeville, 1 case; Gladden, 1 case; Woodville, 1 case; Hazeltine, 5 cases.

Blair County.—Altoona, 13 cases—6 still sick; East Freedom, 1 case.

Somerset County.—Felix, 20 cases; Ashtola, 11 cases; Windber, 171 cases.

Washington County.—Venice, 1 death; Gradatim, 1 case; Gastonville, 15 cases.

Fayette County.—Brownsville, including West Brownsville, Washington County, 40 cases; Layton, 20 cases.

Center County.—Philipsburg, 1 case.

Huntingdon County.—Carbon Township, 2 cases.

Dauphin County.—Steelton, 1 case.

Erie County.—Erie, 1 case.

Chester County.—Chester, 1 case.

Columbia County.—Lime Ridge, 1 case, recovered.

Jefferson County.—Punxsutawney, 2 cases; McCalmont Township, 3 cases.

Philadelphia County.—Philadelphia, 46 cases.

Cambria County.—Johnstown, 13 cases—6 recovered, 7 still sick.

For the seven weeks ended June 3, 1899, cerebro-spinal meningitis has been reported as follows: Philadelphia, 80 cases, 45 deaths; Lancaster, Lancaster County, 13 cases, 7 deaths; Ephrata, Lancaster County, 3 cases, 2 deaths; Norristown, Montgomery County, 2 cases, resulting fatally.

Typhoid fever has been reported in Philadelphia during the same period as follows: Cases, 1,079; deaths, 160.

Yours, very truly,

BENJAMIN LEE, M. D.,
Secretary.

A case of smallpox on the steamship Carmarthenshire.

SAN FRANCISCO QUARANTINE STATION,
Angel Island, Cal., May 29, 1899.

SIR: I have the honor to report that the British steamship *Carmarthenshire*, arrived this day from Hongkong, had 1 case of smallpox (the fourth engineer) while in the bay at Hongkong. He was taken ashore at once (April 9), his clothing and bedding were burned, his room was disinfected by sulphur, and every person on board was vaccinated. The ship left Hongkong April 21 and no other sickness has occurred. Pratique was given here, but the steerage passengers, 52 Asiatics, are being subjected to the routine disinfection. The United States consular bill of health noted the occurrence of the case of smallpox, but nothing regarding precautions.

Respectfully, yours,

S. D. BROOKS,
Surgeon, U. S. M. H. S.

Report from Columbia River Quarantine Station.

COLUMBIA RIVER QUARANTINE STATION,
Astoria, Oreg., June 1, 1899.

SIR: I have the honor to report the arrival this morning of the steamship *Monmouthshire*, from Hongkong, via Kobe and Yokohama, with 86 Chinese and 58 Japanese steerage passengers. There had been no quarantinable disease during the voyage. It was, however, considered advisable to disinfect with formalin all baggage of steerage passengers owing to the prevalence of plague at Hongkong. The Japanese and Chinese baggage was so mixed that it was necessary to treat all baggage alike. The steerage passengers were not bathed nor were the clothes they had on disinfected. In this particular instance, where no suspicious sickness had occurred, it was my opinion that the clothes worn were sufficiently aired during the voyage to almost preclude the possibility of containing infection.

I have not received instruction from the Bureau regarding the treatment of baggage of immigrants from Hongkong, about which I wrote on May 25, and shall continue to disinfect such baggage during the prevalence of plague at that port, unless instructed to the contrary.*

Very respectfully,

HILL HASTINGS,
Assistant Surgeon, U. S. M. H. S.

* Assistant Surgeon Hastings and all quarantine officers on the Pacific coast were notified June 3 that the regulation of May 1, 1896, directing that the baggage of all Chinese immigrants landing on the Pacific coast be disinfected, was still in force.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

REPORTS FROM THE MEXICAN BORDER.

Eagle Pass.

EAGLE PASS, TEX., June 1, 1899.

SIR.—I have the honor to report that many rumors are being brought to me to the effect that smallpox is existing in epidemic form in Torreon, Mexico. Yesterday information was brought here by a man from Torreon to the effect that there are now in Torreon, to his knowledge, 350 cases of smallpox. In fact, this man told me that his reason for leaving Torreon was the smallpox epidemic.

No attempt to prevent the spread of this disease is made by the Mexican authorities, hence numerous "walking cases" are continually met with on the streets of Torreon. In order to learn the true condition of affairs, I wrote to the American consul at Torreon, but got no reply from him.

Every precaution to prevent the entrance of this disease into the United States is taken, that is, so far as our means will allow us. What is necessary is a camp of detention. People coming from smallpox and yellow fever districts are returned to Mexico and forced to remain there until sufficient time elapses to prove them not infected. All baggage is held over here and disinfected with formalin, as per instructions from the Bureau.

I am watching every bridge and ford on the Rio Grande and doing all in my power to turn people back to Mexico when they come from contaminated districts.

Yours, respectfully,

LEA HUME,

Acting Assistant Surgeon, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

El Paso.

EL PASO, TEX., June 3, 1899.

SIR: I have the honor to report that for the week ended June 3, 1899, no passengers arrived at this place from Vera Cruz, Mexico.

A family consisting of man, wife, and 2 children came from Tampico, Mexico. Knowing that they would be detained here, they purposely and unnecessarily lingered on their road, and proved conclusively that they left Tampico on May 18, 1899. The father of the family emphatically denied that yellow fever is epidemic at that place. Not having evidence that his baggage had been disinfected, I disinfected here and let him go on his way to Kansas City.

Very respectfully,

E. ALEXANDER,

Sanitary Inspector, U. S. M. H. S.

Cerebro-spinal meningitis in the United States.

[Continued from last PUBLIC HEALTH REPORTS.]

PENNSYLVANIA—*Philadelphia.*—During the two weeks ended June 10, 4 cases and 2 deaths were reported.

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 31, 1898, to June 16, 1899.

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Antauga County.....	Feb. 24.....			Smallpox reported.
Calvert.....	Dec. 10-Jan. 20.....	10		
Catherina.....	Jan. 6.....			Do.
Clarke County.....	Dec. 25-Jan. 20.....		2	Several cases.
Clay County.....	Jan. 27.....			Smallpox reported.
Collierine.....	Jan. 6.....	1		
Dallas County.....	Jan. 27.....			Do.
Green County.....	do.....			Do.
Hale County.....	do.....			Do.
Lowndes County.....	do.....			Do.
Marengo County.....	do.....			Do.
Mobile.....	Jan. 2-June 3.....	33		
Montgomery County.....	Feb. 24.....			Do.
Randolph County.....	Jan. 27.....			Do.
Southside.....	Jan. 6.....	96		
Tallapoosa County.....	Apr. 14.....			Smallpox prevalent.
Washington County.....	Jan. 27.....			Do.
Wilcox County.....	do.....			Do.
Total for the State.....		140	2	Officially reported.
Arkansas:				
Pulaski County.....	Jan. 27-Mar. 1.....	8	1	Do.
California:				
Los Angeles.....	Sept.-June 3.....	93	16	
Sacramento City.....	do.....	1		
San Diego.....	Feb. 19.....	1	1	
San Francisco.....	Jan. 31-May 19.....	3		Soldier in army hospital.
Total for the State.....		98	17	Officially reported.
Colorado:				
Arapahoe County.....	Nov. 25-Mar. 31.....	38	5	
El Paso County.....	Jan. 31.....	2		
Fremont County.....	Dec. 1-Jan. 31.....	24		
Los Animas County.....	Jan. 31.....	12		
Pueblo County.....	Dec. 17-Jan. 31.....	60	4	
Total for the State.....		136	9	Do.
Connecticut:				
New Haven.....	Jan. 16.....	2		Do.
District of Columbia:				
Washington.....	Jan. 21-June 4.....	87	1	Do.
Florida:				
Columbia County.....	Mar. 1-Mar. 31.....	4		
Jackson County.....	do.....			Smallpox prevalent;
Marion County.....	do.....	102		death rate 6-7 per cent.
Polk County.....	do.....			Smallpox prevalent.
St. Johns County.....	Feb. 1-Mar. 31.....	64	0	
Suwanee County.....	Mar. 1-Mar. 31.....	4		
Jacksonville.....	Feb. 12-May 27.....	30		
Key West.....	Feb. 25-Mar. 30.....	9		
Pensacola.....	Jan. 14-Mar. 31.....	2		
West Tampa, Hillsboro Co.....	Apr. 9-May 20.....	5		
Total for the State.....		220	0	Officially reported.
Georgia:				
Brunswick.....	May 16.....	1		
Eastman.....	June 6.....	7		
Jones County.....	Jan. 1-Jan. 16.....	300		
Savannah.....	Feb. 22-June 6.....	38	0	
Total for the State.....		346	0	Do.
Illinois:				
Bethel.....	Jan. 7.....	2		
Biggsville, Henderson Co.....	Mar. 7.....	1		
Cairo.....	Feb. 23-Mar. 7.....	26		
Chicago.....	Mar. 10-June 10.....	11	0	
Dana, La Salle County.....	Mar. 7.....	1		
Media.....	Jan. 7.....	1		
Monmouth, Warren County.....	Feb. 23.....	4		
Murphysboro, Jackson Co.....	Mar. 7.....	2		
Total for the State.....		48	0	Do.

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Indiana:				
Clark County.....	Mar. 1.....			Smallpox reported.
Dana.....	Feb. 8.....	1		
Davies County.....	Mar. 1.....			Do.
Evansville.....	Apr. 1-June 3.....	39	0	
Floyd County.....	Jan. 1-Mar. 30.....	5	0	Do.
Greene County.....	do.....	6	0	Do.
Jefferson County.....	Mar. 1.....			Do.
Jackson County.....	Feb. 24.....	4		
Jennings County.....	Jan. 1-Mar. 30.....	4	0	
Marion County.....	do.....	16	0	
New Albany.....	Apr. 22.....	2		
Sullivan County.....	do.....	5	0	
Vanderburg County.....	Jan. 1-Mar. 30.....	20	1	
Vermilion County.....	do.....	3	0	
Total for the State.....		105	1	Officially reported.
Indian Territory.....				
	Mar. 4.....		45	Do.
Iowa:				
Jones County.....	Apr. 13.....	5	1	
Lee County.....	Jan. 13.....	7	1	
Wayne County.....	do.....	1		
Total for the State.....		13	2	Do.
Kansas:				
Atchison County.....	Mar. 16.....	21		
City of Garnett.....	May 6-May 13.....	6	1	
Emporia.....	May 6-May 20.....	4		
Independence County.....	Mar. 16.....			Smallpox reported
Kansas City.....	May 6-May 20.....	95	11	
Lenora.....	May 12.....	1		
Marion County.....	Jan. 17.....	11		
Peabody.....	Feb. 1-Feb. 16.....	56	7	
Sumner County.....	Mar. 20.....	2		
Total for the State.....		196	19	Officially reported.
Kentucky:				
Frankfort.....	May 23.....	2		
Lebanon Junction.....	Apr. 19.....	8		
Louisville.....	Dec. 20-June 10.....	494	4	
Mt. Sterling.....	May 25.....	4		
Total for the State.....		508	4	Do.
Louisiana:				
Alexandria.....	Mar. 29.....	0		
Baton Rouge.....	May 27.....	1	0	
Jaenette.....	June 3.....	1	0	
Morgan City.....	May 27.....	7		
New Orleans.....	Jan. 30-June 3.....	217	3	
Shreveport.....	Apr. 22-June 3.....	5	1	
Total for the State.....		240	4	Do.
Maine:				
Auburn.....	Jan. 1-Apr. 7.....	3		
Augusta.....	do.....	1		
Lewiston.....	do.....	4		
Waterville.....	do.....	49		
Winslow.....	do.....	108		
Total for the State.....		165		Do.
Maryland:				
Baltimore.....	Jan. 18-June 3.....	21		
Cumberland.....	do.....	3		
Pocomoke.....	do.....	3		
Steelton.....	May 17.....	4		
Total for the State.....		31		Do.
Massachusetts:				
Boston.....	Feb. 28-June 7.....	10	2	
Chelsea.....	June 11.....	3		
Fall River.....	May 28-June 11.....	30	0	
Swampscott.....	May 20-June 3.....	3	1	
Total for the State.....		46	3	Do.

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Michigan:				
Albion.....	Feb. 15-Feb. 22.....			Smallpox reported.
Benton Harbor.....	.....do.....			Do.
Detroit.....	Jan. 1-Feb. 4.....	14		
Kalamazoo.....	Mar. 12-Apr. 8.....	8	1	
Total for the year.....		22	1	Officially reported.
Minnesota:				
Austin.....	May 13.....	1		
Brainerd.....	Apr. 16-Apr. 22.....	1		
Minneapolis.....	Dec. 8-June 3.....	5	0	
St. Paul.....	Feb. 18-May 13.....	18	0	
Total for the State.....		25	0	Do.
Mississippi:				
Clay County.....	Jan. 27.....			Smallpox reported.
Hinds County.....	Mar. 3.....			Do.
Jackson County.....	Mar. 26-Apr. 14.....	6		
Jones County.....	Jan. 27.....			Do.
Lauderdale County.....	.....do.....			Do.
Noxubee County.....	.....do.....			Do.
Perry County.....	Jan. 27-Mar. 12.....	17	3	
Tishomingo County.....	Jan. 27.....			Do.
Total for the State.....		23	3	Officially reported.
Missouri:				
Carroll County.....	Nov. 1-Apr. 6.....	59	15	
Charlton County.....	.....do.....	1	0	
De Kalb County.....	.....do.....	3	0	
Macon County.....	.....do.....	1	0	
Mississippi County.....	.....do.....	1	0	
St. Louis.....	Nov. 1-June 5.....	100	5	
Total for the State.....		165	20	Do.
Montana:				
Missoula.....	Feb. 23-Mar. 9.....	2		Do.
Nebraska:				
Nebraska City.....	July 1-Dec. 8.....	153		
.....	Dec. 9-Jan. 16.....	147	3	
Omaha.....	Jan. 1-May 27.....	37		
Otoe and Nemaha Counties...	Jan. 1-Jan. 16.....	21		
Peru.....	Jan. 2.....	5		
Plattsmouth.....	Dec. 10.....	1		
Tecumseh.....	Jan. 2.....	9		
Total for the State.....		373	3	Do.
New Jersey:				
Jersey City.....	Dec. 5-Jan. 22.....	6		Do.
New York:				
Batavia.....	Apr. 1-Apr. 30.....	1		
Buffalo.....	Mar. 15-Apr. 26.....	3		
Caledonia.....	Apr. 1-Apr. 30.....	1		
Coeymans.....	.....do.....	2		
Dunkirk.....	Jan. 8-Jan. 21.....	2		
Elmira.....	Mar. 18-Apr. 22.....	5		
Kingston.....	Mar.....	1		
New York.....	Jan. 7-June 10.....	13	12	
Rochester.....	Apr. 1-Apr. 30.....		1	
Syracuse.....	.....do.....	1		
Tonawanda.....	Mar.....	2		
Total for the State.....		31	13	Do.
North Carolina:				
Alamance County.....	Feb. 1-Feb. 28.....	3		
Anson County.....	Apr. 1-Apr. 30.....	2		
Beaufort Co. (Washington)...	Apr. 8.....	2		
Bertie County.....	Feb. 1-Apr. 30.....	9		
Burlington, Franklin County..	Mar. 1.....	3	1	
Chatham County.....	Apr. 1-Apr. 30.....	2		
Chowan County.....	Feb. 16-Apr. 30.....	17		
Columbus County.....	Feb. 1-Feb. 28.....	3		
Craven County.....	Apr. 6.....	1		
Currituck County.....	Feb. 1-Apr. 30.....	3		
Edgecombe County.....	Feb. 1.....	24		
Gates County.....	.....do.....			Several.

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
Halifax County.....	Feb. 1-Feb. 28....	8	.....
Hertford County.....	Apr. 1-Apr. 30....	2	.....
Iredell County.....	.....do.....	1	.....
Johnston County.....	Feb. 1-Feb. 28....	3	.....
Martin County.....	Apr. 1-Apr. 30....	2	.....
McDowell County.....	Feb. 1-Feb. 25....	2	.....
Mecklenberg County.....	Apr. 1-Apr. 30....	4	.....
Moore County.....	.....do.....	7	.....
Nash County.....	.....do.....	6	.....
Northampton County.....	Jan. 12-Feb. 28....	15	.....
Pasquotank County.....	Feb. 1-Feb. 25....	1	.....
Perquimans County.....	.....do.....	8	.....
Union County.....	Apr. 1-Apr. 30....	43	0	
Wake County.....	Apr. 30.....	1	.....
Wilmington.....	Feb. 3.....	1	.....
Wilson County.....	Feb. 1-Feb. 28....	1	.....
Total for the State		174	1	Officially reported.
Ohio:				
Avon.....	Apr. 6-May 16....	2	.....
Bainbridge Twp., Geauga Co..	Jan. 1-Apr. 6....	2	.....
Bethlehem Township.....	Apr. 6-May 16....	1	.....
Brooklyn.....	Feb. 7-Feb. 27....	1	.....
Camden.....	Apr. 6-May 16....	1	.....
Cannelsville.....	Jan. 1-Apr. 6....	1	1	
Carthage.....	Apr. 6-May 16....	3	.....
Chagrin Falls.....	.....do.....	338	10	
Cincinnati.....	Jan. 23-May 5....	202	2	
Cleveland.....	Dec. 25-May 27....	7	.....
Cleves.....	Jan. 1-Apr. 6....	6	0	
Clinton Township.....	Apr. 6-May 16....	198	4	
Collinwood.....	.....do.....	7	0	
Columbus.....	Feb. 7-May 16....	1	.....
Coshocton.....	Jan. 1-May 16....	1	.....
Dalton.....	Feb. 7-Apr. 6....	1	.....
Donnelsville.....	.....do.....	2	.....
Euclid Township.....	Apr. 6-May 16....	5	.....
Franklin.....	Apr. 6.....	17	.....
Fredericksburg.....	Jan. 1-May 16....	3	.....
Gallipolis.....	Apr. 6.....	3	.....
Girls' Industrial Home.....	Jan. 1-May 16....	1	.....
Granville.....	.....do.....	7	.....
Green Twp., Gallia County...	Apr. 6-May 16....	2	.....
Harrison Twp., Perry Co....	Jan. 1-May 16....	2	.....
Howard.....	.....do.....	1	1	
Ironton.....	Apr. 6-May 16....	1	.....
Kelly's Island.....	.....do.....	1	1	
Killbuck.....	.....do.....	8	.....
Lafayette Twp., Coshocton Co.	Jan. 1-May 16....	1	.....
Lancaster.....	Apr. 6-May 16....	7	.....
Lockland.....	Jan. 1-May 16....	1	.....
Lorain.....	.....do.....	2	.....
Madisonville.....	Apr. 6-May 16....	2	.....
Margaretta Township.....	.....do.....	1	0	
Massillon.....	May 27.....	1	.....
Middlefield.....	Jan. 1-Apr. 6....	14	.....
Mill Creek Township.....	Apr. 6-May 16....	7	1	
Millersburg.....	.....do.....	1	.....
Newburg Township.....	Apr. 6-May 16....	21	1	
Newton Twp., Muskingum Co.	Jan. 1-May 16....	4	.....
New Carlisle.....	.....do.....	1	.....
Painesville.....	.....do.....	1	.....
Parma Twp., Cuyahoga Co....	.....do.....	2	.....
Pike Twp., Madison County...	Apr. 6-May 16....	1	.....
Plain City.....	Jan. 1-May 16....	1	.....
Pleasantville.....	.....do.....	2	.....
Ridgeville Twp., Lorain Co..	Apr. 6-May 16....	4	.....
Ripley.....	Jan. 1-May 16....	1	.....
Roseville.....	.....do.....	1	.....
Rudnor Twp., Delaware Co...	Apr. 6-May 16....	8	.....
Sand Hill.....	Jan. 1-May 16....	43	.....
Sandusky.....	Feb. 7-May 16....	1	.....
Selma.....	Jan. 1-Apr. 6....	1	.....
Shenandoah.....	Feb. 7-Apr. 6....	2	.....
South Charleston.....	.....do.....	1	.....
Springfield.....	.....do.....	22	.....
Springfield Twp., Clark Co...	Jan. 1-May 16....	2	.....
St. Johns.....	Jan. 1-Apr. 6....	4	.....
Sunbury.....	Apr. 6.....	1	.....
Thorn Twp., Perry County....	Apr. 6-May 16....	1	.....

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Ohio—Continued.				
Tippecanoe.....	Jan. 1-Apr. 6....	1		
Toledo.....	Feb. 7-May 16....	6		
Union Twp., Brown County...	Apr. 6-May 16....	1		
Washington Twp., Clermont County.....	Apr. 6-May 16....	7		
Wellington.....	Feb. 7-May 16....	1		
West Farmington.....	Jan. 1-Apr. 6....	1		
West Jefferson.....	Jan. 1-May 16....	6	0	
Willoughby.....	Feb. 7-Apr. 6....	1		
Xenia.....	Jan. 1-Apr. 6....	3		
Zanesville.....	do.....	1		
Total for the State.....		1,015	21	Officially reported
Oklahoma:				
Chandler.....	Dec. 30.....	1		
Doggett.....	do.....	1		
Lincoln County.....	Nov. 30-Jan. 30....	32	10	
Oklahoma City.....	June 1.....	1		
Parkland.....	Dec. 30.....	1		
Sac and Fox Agency.....	do.....	2		
Stroud.....	do.....		3	
Total for the State.....		38	13	Do.
Pennsylvania:				
Allegheny County.....	Feb. 11-June 3....	27	0	
Ball Hill.....	Dec. 31-Jan. 23....	1		
Beaver County.....	Mar. 12-Mar. 30....	1		
Bedford County.....	Dec. 31-June 3....	34	0	
Blair County.....	Jan. 1-June 3....	39	0	
Brumbaugh.....	Dec. 31-Mar. 30....	2		
Cambria County.....	Mar. 30-Apr. 22....	13		
Center County.....	Apr. 27-June 3....	1		
Charlesville.....	Dec. 31.....	15		Smallpox reported.
Chester County.....	Apr. 27-June 3....	1		
Claysburg.....	Dec. 31-Jan. 23....	1		
Columbia County.....	Apr. 27-June 3....	1		
East Vincent Township.....	Dec. 31.....	1		
Erie.....	May 2.....	1		
Everett.....	Dec. 31.....	3		
Fayette County.....	Mar. 12-June 3....	83	0	
Fulton County.....	Feb. 11-Mar. 11....	1		
Homer City.....	Dec. 31.....	2		
Hopewell.....	do.....	3		
Huntingdon County.....	Feb. 11-June 3....	7		
Huntstown.....	Dec. 31.....	4		
Jefferson County.....	Apr. 27-June 3....	5		
Johnstown.....	Apr. 27-June 3....	13		
New Granada.....	Dec. 31.....	7		
Philadelphia.....	Dec. 31-June 10....	92	16	
Pittsburg.....	Dec. 31-May 27....	11		
Pottstown.....	Feb. 5-Feb. 11....	1		
Somerset County.....	Feb. 11-June 3....	250	0	
Steelton.....	Dec. 31-June 3....	12		
Waterfall.....	do.....	1		
Washington County.....	Mar. 30-June 3....	17	1	
Total for the State.....		650	17	Officially reported.
Porto Rico:				
Ponce.....	Jan. 17-May 17....	500	26	Do.
San Juan.....	Mar. 6.....	3		
Rhode Island:				
Providence.....	Feb. 21-June 3....	6	0	Do.
South Carolina:				
Aiken County.....	Apr. 16.....	3		
Barnwell County.....	May 16.....	3		
Beaufort County.....	Apr. 16-May 16....	5	0	
Clarendon County.....	do.....	4	0	
Edgefield County.....	Jan. 1-May 16....	105	10	
Horry County.....	Mar. 1-Mar. 31....	18	0	
Swinton County.....	Apr. 16.....	2		
Total for the State.....		140	10	Do.
Tennessee:				
Dyersburg.....	Mar. 24.....	3		
Grover, Madison County.....	Feb. 18-Mar. 11....	12		
Hardeman County.....	Mar. 1-Mar. 11....	1		
Jackson.....	Feb. 18-Mar. 27....	52		

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Tennessee—Continued.				
Memphis.....	Feb. 18-Mar. 27....	36		
Nashville.....	Apr. 29-June 3....	3		
Pinson, Madison County.....	.....do.....	1		
Union City, Obion County.....	Mar. 3-Mar. 11....	7		
Total for the State.....		115		Officially reported.
Texas:				
Alice, Nueces County.....	Feb. 20.....	20		
Brownsville.....	Jan. 7-Apr. 8....	3		
Bryan.....	Jan. 29-Mar. 11....	24		
Dallas.....	Feb. 1-Mar. 23....	52	15	
Del Rio, Kinney County.....	Apr. 15.....	1		
El Paso.....	Aug. 1-Dec. 31....	45		Year 1898.
Fort Bliss.....	Jan. 1-Jan. 18....	21		
Galveston.....	Mar. 12.....	1		
Laredo.....	Mar. 14-May 13....	36	0	
San Rafael.....	Jan. 1-Apr. 29....	685	126	
Zapata County.....	Jan. 29.....	4		
	Mar. 13.....	2		
Total for the State.....		894	141	Officially reported.
Virginia:				
Alexandria.....	Jan. 4-May 14....	304	2	
Hampton.....	Feb. 15.....	6		
Lynchburg.....	Mar. 5-Mar. 11....	1		
Newport News.....	Dec. 31-June 5....	682	13	
Norfolk.....	Sept. 19-June 9....	829	13	
Petersburg.....	Mar. 6-Mar. 12....	1		
Portsmouth.....	Dec. 31-June 9....	330	4	
Richmond.....	Jan. 25-Mar. 12....	8		
Total for the State.....		2,161	33	Do.
Washington:				
Seattle.....	May 30.....	1		
Spokane.....	Feb. 27-May 20....	7		
Total for the State.....		8		Do.
Wisconsin:				
Calumet County.....	Feb. 16.....	1		
Harrison County.....	Feb. 20.....	1		
Milwaukee.....	Apr. 24-May 27....	10	1	
Outagamie County.....	Feb. 7-Mar. 20....	15	2	
Total for the State.....		27	3	Do.
Wyoming:				
Cheyenne.....	Mar. 5-Mar. 26....	5		
Rock Springs.....	Dec. 24.....	1		
Total for the State.....		6		Do.

*Report of immigration at New York for the week ended June 3, 1899.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, June 8, 1899.**Number of alien immigrants who arrived at this port during the week ended June 3, 1899;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of im- migrants.
May 29	Steamship City of Rome.....	Glasgow and Moville	364
Do....	Steamship La Gascogne.....	Havre.....	509
Do....	Steamship Victoria	Naples and Palermo.....	715
May 31.	Steamship Spaarndam.....	Rotterdam.....	199
Do....	Steamship Pisa.....	Hamburg.....	408
Do....	Steamship Noordland	Antwerp.....	273
Do....	Steamship Kaiser Wm. der Grosse....	Bremen.....	612
Do....	Steamship Bremen.....	do.....	962
June 1	Steamship Aurania	Liverpool and Queenstown	244
June 2	Steamship Norge	Copenhagen.....	215
Do....	Steamship Pennsylvania.....	Hamburg.....	828
Do....	Steamship Britannic.....	Liverpool and Queenstown.....	572
June 3	Steamship Kaiser Wm. II	Genoa and Naples.....	918
Do....	Steamship St. Paul.....	Southampton	355
Total.....			7,174

THOMAS FITCHIE,
Commissioner.

*Report of immigration at Philadelphia for the week ended June 10, 1899.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Philadelphia, June 10, 1899.**Number of alien immigrants who arrived at this port during the week ended June 10, 1899;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
June 4	Steamship Maryland.	London	2
June 9	Steamship Italia.....	Liverpool and Queenstown	129
	Total.....		131

JNO. J. S. RODGERS,
*Commissioner.**Medical inspection of immigrants in Boston, Mass.*

BOSTON, MASS, June 5, 1899.

SIR: I have to submit the following report on the inspection of immigrants at this port during the month of May, 1899, viz, total number of immigrants inspected, 4,115; total rejected, 39.

Respectfully, yours,

FAIRFAX IRWIN,
Surgeon, U. S. M. H. S.

REPORTS FROM NATIONAL QUARANTINE

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
UNITED STATES:				
Alexandria, Va.....	June 10	.....	.....	.....
Beaufort, S. C.....	do.....	.....	.....	.....
Brunswick, Ga.....	do.....	Port. bk. Bella Formigosa (a).	May 30	Rio.....
		Am. sc. Isaiah Hart (a).....	do.....	Havana.....
		Am. sc. Gen. Adelbert Ames (a).	May 31	Daiquiri via Nassau.
		Sp. bkt. Amalia.....	June 7	Santos.....
Cape Charles, Va.....	do.....	Br. ss. Glengoil (a).....	May 30	Vera Cruz.....
		Ital. brig Anita S.....	June 5	Montevideo.....
		Br. ss. Apex.....	June 9	Baltimore.....
Cape Fear, N. C.....	June 3	.....	.....	.....
Columbia River, Oreg.....	do.....	Br. ss. Monmouthshire..	June 1	Hongkong.....
Delaware Breakwater Quarantine, Lewes, Del.	June 10	Br. ss. Saltram.....	June 5	Havana.....
		Br. ss. Cape Comino.....	June 9	Alexandria.....
		Br. ss. Britannia.....	June 10	Port Louis.....
Eureka, Cal.....	June 3	.....	.....	.....
Grays Harbor, Wash.....	do.....	Am. sc. B. R. Woodside(a)	May 22	San Juan.....
Gulf Quarantine, Ship Island, Miss.	do.....	Am. sc. Nan M. Dantzer (a).	May 23	Vera Cruz.....
		Br. ss. Anselma de Larinaga (a).	May 24	do.....
		Am. sc. Henry Clausen, Jr. (a).	May 25	Ponce.....
		Am. sc. L.T. Whitmore(a)	do.....	Colon.....
		Rus. bk. Southern Belle(a)	do.....	Barbados.....
		Br. bk. Avoca (a).....	May 26	Montevideo.....
		Nor. bk. Sterling (a).....	May 27	Bahia.....
		Nor. bk. Mataura (a).....	do.....	Buenos Ayres.....
		Am. sc. Anna M. Stammer.	May 29	Havana.....
		Am. sc. Harry W. Haynes	May 30	Vera Cruz.....
		Am. sc. Lewis A. Edwards	May 31	do.....
		Am. sc. Anita.....	do.....	Matanzas.....
Newbern, N. C.....	June 10	.....	.....	.....
Pascagoula, La.....	do.....	.....	.....	.....
Port Townsend, Wash.....	June 3	.....	.....	.....
Reedy Island Quarantine, Del.	June 10	.....	.....	.....
San Diego, Cal.....	June 3	.....	.....	.....
San Francisco, Cal.....	May 27	.....	.....	.....
Savannah, Ga.....	June 3	Nor. bk. Hertha.....	do.....	Puerto Cabello...
		Am. tug Dauntless.....	June 1	Havana.....
		Am. barge Nora.....	do.....	do.....
South Atlantic Quarantine, Blackbeard Island, Ga.	do.....	.....	.....	.....
Tortugas Quarantine, Key West, Fla.	do.....	Am. sc. James Boyce, Jr. (a).	May 22	New York.....
		Am. sc. Frank B. Neally (a).	May 26	Havana.....
		Br. ss. Lugano (a).....	do.....	Cienfuegos.....
		Br. ss. Widdrington.....	May 28	Cardenas.....
		Am. sc. Andrew Adams...	May 30	Kingston.....
		Am. sc. Mary E. Riggs...	June 2	Havana.....
		Sp. ss. Madridino.....	do.....	Cienfuegos.....
Washington, N. C.....	June 10	Am. sc. Silver Spray.....	June 3	Havana.....
CUBA:				
Cienfuegos.....	June 3	.....	.....	.....
Daiquiri.....	May 27	.....	.....	.....
Guantanamo.....	May 20	.....	.....	.....

a Previously reported.

AND INSPECTION STATIONS.

Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
				1
Brunswick	Disinfected and held	June 8	No transactions	4
do	do	June 4		
do	do	June 7	Disinfected at Nassau; 2 cases malarial fever sent to hospital in Nassau.	
do	Held for disinfection			
Newport News	Disinfected	June 4		6
Baltimore	Inspected and held	June 7		
Hampton Roads and Fernandina.	Disinfected		Ordered to proceed to Fernandina without pratique at request of master.	
Portland	Disinfected baggage of Chinese and Japanese immigrants.	June 1	No transactions.	
On orders	Inspected, and held for completion of five days' period.	June 6	Left Havana without bill of health.	
do	Inspected and held.		No transactions.	
do	do		do	
Pascagoula	Disinfected and held	May 28		
Moss Point	do	do		
Ship Island	do	May 30		
Pascagoula	do	May 31		
do	do	do		
do	do			
Ship Island	do			
do	do			
do	do			
Pascagoula	Redisinfecting and held	May 30		
do	Disinfected and held			
do	do			
do	Redisinfecting and held			
			No transactions	1
				4
				18
				2
				29
			1 death from dysentery on U. S. transport Sheridan from Manila.	
Savannah	Detained for quarantine regulations.			3
do	Held for completion of period observation.	June 2	Disinfected at Havana.	
do	do	do	do	1
Fernandina	Disinfected	June 3	Without pratique; request of master.	
Key West	do	May 31		
Pensacola	do	do		
Mobile	do	May 30	Without pratique; request of master	
Punta Gorda	do	June 1	do	
Key West	Disinfected and held			
Mobile	do			
Key West	Held for disinfection			
			No transactions	
				2
				1
				7

REPORTS FROM NATIONAL QUARANTINE

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
<i>CUBA—Continued.</i>				
Havana.....	June 3			
Matanzas.....	June 6	Ger. ss. Hermann.....	June 2	Havana.....
Santiago de Cuba.....	May 27	Ger. ss. Macedonia.....	May 24	New York.....
<i>PORTO RICO:</i>				
Ponce.....	do.	Ss. Ferdinand de Lesseps.	May 23	Colon.....
San Juan.....	June 3	Dom. sc. Laura.....	June 3	Havana.....

REPORTS FROM STATE AND

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
Anclote, Fla.....	June 10			
Baltimore, Md.....	June 3			
Bangor, Me.....	June 10			
Boston, Mass.....	do.			
Carrabelle, Fla.....	do.			
Cedar Keys, Fla.....	do.			
Charleston, S. C.....	do.			
Charlotte Harbor, Fla.....	do.			
Elizabeth River, Va.....	do.			
Galveston, Tex.....	do.	Ss. Falsjo (a).....	June 7	Havana.....
Gardiner, Oreg.....	June 3			
Key West, Monroe County, Fla.....	June 10			
Los Angeles, Cal.....	June 3			
Mayport, Fla.....	do.	Br. sc. James W.....	May 27	Barbados.....
		Br. sc. Congo.....	May 28	Cardenas.....
	June 10	do.....	do.	do.
Mobile Bay, Ala.....	June 3	Br. bk. Westmoreland (a).....	May 25	Santos.....
		It. bk. Giannina (a).....	May 20	Barbados.....
		Dan. ss. Flandria (a).....	May 26	Sagua via New York.
		Nor. bk. Wm. Gordon (a).....	May 27	Bahia.....
		Br. sc. H. B. Horman.....	May 29	Grenada.....
		Swed. bk. Rhea.....	May 21	Pernambuco.....
		Br. bk. Arizona.....	June 1	Rio.....
		Rus. bk. Andreas Weide.....	do.	Bahia.....
		Bk. Jno R. Stanhope.....	do.	do.
Mobile.....	June 10	Nor. bk. William Gordon (a).....	May 27	do.
		Swed. bk. Rhea (a).....	May 31	Pernambuco.....
		Brit. bk. Arizona (a).....	June 1	Rio.....
		Rus. bk. Andreas Weide (a).....	do.	Bahia.....
		Bk. John R. Stanhope (a).....	do.	do.
		Br. sc. G. E. Berkley.....	June 6	Grand Cayman, British West Indies.
New Bedford, Mass.....	June 1			
New Orleans, La.....	June 10			
Newport News, Va.....	do.			
Newport, R. I.....	do.			
New York, N. Y.....	do.			
Pass Cavallo, Tex.....	do.			
Providence, R. I.....	do.			
Round Island, Miss.....	June 10			
St. Helena Entrance, S. C.....	June 3			
San Pedro, Cal.....	do.			
Tampa Bay, Fla.....	June 3			
	June 11	Am. sc. Montana (a).....	June 2	Havana.....
		Am. bk. Doris.....	June 5	Vera Cruz.....

a Previously reported.

AND INSPECTION STATIONS—Continued.

Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Matanzas	Disinfected before leaving for Mobile.	June 2	No report.....	4
Santiago.....	Boarded and passed.....	May 24		19
Bordeaux	Held in partial quarantine.	May 23		6
Santo Domingo ...	Vessel detained; baggage of 31 passengers disinfected.			

MUNICIPAL QUARANTINE STATIONS.

Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
.....	.....	.....	No report.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	No transactions.....	3
.....	.....	.....	No report.....	.....
Galveston.....	Disinfected and held.....	.....	No report.....	5
.....	.....	.....	.....	8
.....	.....	.....	No transactions.....	14
Jacksonville.....	Fumigated and held.....	June 3	.....	6
do.....	do.....	June 4	.....	8
do.....	do.....	June 1	.....	17
Mobile.....	Ballast discharged; vessel disinfected and held.	May 29	.....	.....
do.....	Vessel disinfected and held.	June 1	.....	.....
do.....	do.....	.....	.....	.....
do.....	Ballast discharged; vessel disinfected and held.	June 1	.....	.....
do.....	do.....	.....	.....	.....
do.....	Vessel disinfected and held.	June 1	.....	.....
do.....	Held for disinfection	.....	.....	.....
do.....	do.....	.....	.....	.....
do.....	do.....	.....	.....	.....
do.....	do.....	.....	.....	.....
do.....	Ballast discharged; vessel disinfected and held.	June 7	.....	16
do.....	do.....	.....	.....	.....
do.....	do.....	.....	.....	.....
do.....	do.....	.....	.....	.....
do.....	Disinfected and held.....	June 10	.....	.....
do.....	do.....	June 9	.....	.....
.....
.....	.....	.....	No report.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	No transactions.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	do.....	.....
Port Tampa.....	Disinfected and held.....	June 10	.....	19
Punta Gorda.....	do.....	.....	Without pratique; request of master.	.....

Reports of States and yearly and monthly reports of cities of the United States.

CALIFORNIA—*Los Angeles*.—Month of May, 1899. Estimated population, 103,000. Total number of deaths, 145, including diphtheria, 7; enteric fever, 3; influenza, 4; cerebro-spinal meningitis, 6, and 20 from phthisis pulmonalis.

San Francisco.—Month of April, 1899. Estimated population, 360,000. Total number of deaths, 556, including diphtheria, 2; enteric fever, 8; measles, 1; scarlet fever, 4; whooping cough, 1; la grippe, 2; cerebro-spinal meningitis, 4, and 73 from phthisis pulmonalis.

CONNECTICUT—*Hartford*.—Month of May, 1899. Estimated population, 74,000. Total number of deaths, 90, including diphtheria, 2; enteric fever, 2; measles, 1; whooping cough, 3, and 8 from phthisis pulmonalis.

ILLINOIS—*Springfield*.—Month of May, 1899. Estimated population, 35,000. Total number of deaths, 34, including enteric fever, 1, and 7 from phthisis pulmonalis.

INDIANA—*Evansville*.—Month of May, 1899. Estimated population, 70,000. Total number of deaths, 76, including enteric fever, 1, and 14 from phthisis pulmonalis.

LOUISIANA—*New Orleans*.—Month of May, 1899. Estimated population, 300,000—white, 210,000; colored, 90,000. Total number of deaths, 862—white, 551; colored, 311, including yellow fever, 1; enteric fever, 6; measles, 1; whooping cough, 5; influenza, 1; cerebro-spinal meningitis, 12, and 77 from phthisis pulmonalis.

MAINE—*Portland*.—Four weeks ended May 13, 1899. Estimated population, 50,000. Total number of deaths, 67, including diphtheria, 5; enteric fever, 2; measles, 2; scarlet fever, 1, and 2 from phthisis pulmonalis.

MARYLAND—*Baltimore*.—Month of March, 1899. Estimated population, 541,000—white, 463,000; colored, 78,000. Total number of deaths, 941—white, 689; colored, 252, including diphtheria, 24; enteric fever, 6; scarlet fever, 1; whooping cough, 1; smallpox, 1; influenza, 27; cerebro-spinal meningitis, 10, and 115 from phthisis pulmonalis.

Month of April. Total number of deaths, 814—white, 620; colored, 194, including diphtheria, 7; enteric fever, 8; measles, 1; scarlet fever, 3, influenza, 7; cerebro-spinal meningitis, 13, and 84 from phthisis pulmonalis.

MASSACHUSETTS—*Newton*.—Month of May, 1899. Census population, 27,590. Total number of deaths, 29, including 3 from phthisis pulmonalis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended June 3, 1899, from 79 observers indicate that remittent fever and pneumonia increased, and tonsillitis, intermittent fever, measles, and diarrhea decreased in area of prevalence. Phthisis pulmonalis was reported present at 169, measles at 54, scarlet fever at 32,

enteric fever at 18, whooping cough at 13, diphtheria at 13, and cerebro-spinal meningitis at 11 places.

Grand Rapids.—Month of May, 1899. Estimated population, 90,000. Total number of deaths, 76, including enteric fever, 3; cerebro-spinal meningitis, 3, and 4 from phthisis pulmonalis.

MISSOURI—St. Louis.—Month of April, 1899. Estimated population, 623,000—white, 587,000; colored, 36,000. Total number of deaths, 1,007—white, 884; colored, 123, including diphtheria, 16; enteric fever, 5; measles, 9; scarlet fever, 2; whooping cough, 6; cerebro-spinal meningitis, 31, and 104 from phthisis pulmonalis.

NEW HAMPSHIRE—Concord.—Month of May, 1899. Estimated population, 18,000. Total number of deaths, 31, including 2 from phthisis pulmonalis.

NORTH CAROLINA.—Reports the State board of health for the month of April, 1899, from 21 towns having an aggregate population of 142,489—white, 81,349; colored, 61,140, show a total of 150 deaths, including enteric fever, 1; measles, 1; whooping cough, 1, and 11 from phthisis pulmonalis.

Charlotte.—Month of May, 1899. Estimated population, 28,000. Total number of deaths, 33, including enteric fever, 1; smallpox, 1, and 5 from phthisis pulmonalis.

OHIO.—Reports from the State board of health for the four weeks ended April 29, 1899, from 50 places having an aggregate population of 1,372,541, show 11 deaths from diphtheria, 33 from enteric fever, 17 from measles, 5 from scarlet fever, and 2 from whooping cough.

The Sanitary Bulletin for May, 1889, makes the following statement:

Cases of smallpox reported since report in March—April Bulletin, April 6, 1899, to May 16, 1899.

Location.	Cases.	Deaths.	Location.	Cases.	Deaths.
Avon.....	2	.....	Lockland.....	1	.....
Bethlehem Twp., Coshocton Co..	2	.....	Margaretta Twp., Erie Co.....	2	1
Camden.....	1	.....	Millersburg.....	7	.....
Carthage.....	1	.....	Mill Creek Twp., Union Co.....	14	.....
Cincinnati.....	77	4	Madisonville.....	2	.....
Cleveland.....	66	.....	Newburgh Twp., Cuyahoga Co..	1	.....
Columbus.....	43	2	Newton Twp., Muskingum Co..	7	.....
Coshocton.....	5	.....	Pike Twp., Madison Co.....	2	.....
Clinton Twp., Franklin Co.....	6	.....	Radnor Twp., Delaware Co.....	1	.....
Collinwood.....	1	.....	Ridgeville Twp., Lorain Co.....	2	.....
Euclid Twp., Cuyahoga Co.....	2	.....	Sandusky.....	17	.....
Fredericksburg.....	16	.....	Springfield Twp., Clark Co.....	12	.....
Fredericksburg (near).....	8	.....	Thorn Twp., Perry Co.....	1	.....
Girls' Industrial Home.....	1	.....	Toledo.....	4	.....
Green Twp., Gallia Co.....	7	.....	Union Twp., Brown Co.....	1	.....
Ironton.....	1	1	Washington Twp., Clermont Co	7	.....
Killbuck.....	1	1	West Jefferson.....	5	.....
Kellys Island.....	1	.....		
Lancaster.....	1	.....	Totals.....	328	9

The total number of cases of smallpox reported since the first outbreak of the disease, April 6, 1898, is 1,757. There have been 27 deaths. Since January 1, 1899, 1,088 cases and 22 deaths have been reported.

Toledo.—Month of May, 1899. Estimated population, 151,520. Total number of deaths, 121, including diphtheria, 6; enteric fever, 2; measles, 1; scarlet fever, 2; la grippe, 1; cerebro-spinal meningitis, 5, and 11 from phthisis pulmonalis.

PENNSYLVANIA—Meadville.—Month of May, 1899. Estimated population, 12,000. Total number of deaths, 8, including enteric fever, 2; scarlet fever, 1, and 1 from phthisis pulmonalis.

TENNESSEE—Nashville.—Month of May, 1899. Estimated population, 110,834—white, 69,389; colored, 41,455. Total number of deaths, 141, including enteric fever, 2; measles, 6; whooping cough, 2; cerebro-spinal meningitis, 3, and 20 from phthisis pulmonalis.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Pneumonia.	Yellow fever.	Smallpox.	Varicella.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Allegheny, Pa.	June 10....	105,287	39	5							1		
Ashland, Ohio.	do	8,338	1										
Baltimore, Md.	do	434,439	197	20						1	1	2	
Baton Rouge, La.	May 27....	10,478	4										
Do	June 3....	10,478	8										
Bay City, Mich.	do	27,839	6	1									
Do	June 10....	27,839	3										
Binghamton, N. Y.	do	35,005	10	3									
Boston, Mass.	do	448,447	208	23	1					1	4	4	1
Bridgeport, Conn.	do	48,886	28	6									1
Cambridge, Mass.	do	70,028	25								1		1
Camden, N. J.	do	58,313	26										
Charleston, S. C.	June 3....	54,955	51	3									
Chelsea, Mass.	do	27,909	6										
Chicago, Ill.	June 10....	1,099,850	482	50						7	13	18	8
Chillicothe, Ohio.	do	11,288	2	1									1
Concord, N. H.	June 3....	17,044	6										
Dayton, Ohio.	June 10....	61,220	21										
Detroit, Mich.	do	205,876	92	7									
Dunkirk, N. Y.	June 3....	9,416	4									1	
Elmira, N. Y.	do	29,708	10							1			
Erie, Pa.	June 10....	40,634	10	3									
Evansville, Ind.	do	50,756	14										
Everett, Mass.	June 3....	11,068	10	1									
Fitchburg, Mass.	do	22,037	4	1									
Galveston, Tex.	June 9....	29,084	10										
Grand Rapids, Mich.	June 10....	60,278	10	1									
Green Bay, Wis.	June 11....	9,069	7	1									
Hoboken, N. J.	June 10....	43,648	23										
Holyoke, Mass.	do	35,637	11	2						1			
Jersey City, N. J.	June 4....	163,003	67	3							1	5	1
Johnstown, Pa.	June 10....	21,805	11										
Lancaster, Pa.	do	32,011	7									1	
Lawrence, Mass.	June 3....	44,654	26										
Los Angeles, Cal.	do	50,395	5	1								4	
Louisville, Ky.	June 10....	161,129	68	8						1		1	2
Lowell, Mass.	do	77,696	37	3							3		2
Lynchburg, Va.	do	19,709	13	1									1
McKeesport, Pa.	June 6....	20,741	10										
Mahanoy City, Pa.	June 10....	11,286	2										
Malden, Mass.	do	23,031	9	1									
Manchester, N. H.	June 3....	44,126	17	2									
Do	June 10....	44,126	20	1									
Massillon, Ohio.	June 3....	10,092	3										
Medford, Mass.	June 10....	11,079	7										
Melrose, Mass.	May 27....	8,519	5										
Michigan City, Ind.	June 10....	10,776	4	1									
Minneapolis, Minn.	do	164,738	31	1						2			1
Mobile, Ala.	do	31,076	32	6									
Nashville, Tenn.	do	76,168	30	6									
New Bedford, Mass.	do	40,733	19	1									
Newburyport, Mass.	June 3....	13,947	2										
New Orleans, La.	do	242,039	201	24	1					6			
Newton, Mass.	June 10....	24,379	3										
New York, N. Y.	do	3,550,053	1,462	137		3				3	19	37	30
Norristown, Pa.	June 2....	19,791	9										
Do	June 10....	19,791	5	1									
North Adams, Mass.	do	16,074	9										
Omaha, Nebr.	June 3....	140,452	21										
Oneonta, N. Y.	June 10....	6,272	0										
Petersburg, Va.	do	22,680	11	3									
Philadelphia, Pa.	June 3....	1,046,964	426	64						15	2	16	3
Do	June 10....	1,046,964	478	50						21	3	12	5
Pittsburg, Pa.	do	238,617	110	10						4	2		2
Pittsfield, Mass.	do	17,281	5										
Pittston, Pa.	do	10,302	1										
Plainfield, N. J.	do	11,267	5										
Port Huron, Mich.	June 3....	13,543	4										
Do	June 10....	13,543	6										
Portland, Me.	June 3....	36,425	12	1									1
Do	June 10....	36,425	13	2								1	

a Estimated population, 65,165—white, 28,870; colored, 36,295.

c Estimated.

b White, 13; colored, 38.

[illegible]

Table of temperature and rainfall, week ended June 16, 1899.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	a Excess.	a Deficiency.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.	54	2		.82		.22
Portland, Me.	61	3		.78		.58
Northfield, Vt.	62	4		.84		.64
Boston, Mass.	65	7		.70		.10
Vineyard Haven, Mass.	65	3		.55		.55
Nantucket, Mass.	60	4		.70		.60
Woods Hole, Mass.	60	4		.63		.63
Block Island, R. I.	60	6		.60		.50
New Haven, Conn.	65	5		.64		.64
Albany, N. Y.	67	7		.84		.84
New York, N. Y.	67	9		.70		.70
Harrisburg, Pa.	69	5		.99		.09
Philadelphia, Pa.	70	8		.70		.40
New Brunswick, N. J.	69	7		.90		.40
Atlantic City, N. J.	64	5		.72		.02
Baltimore, Md.	72	6		.93	.17	
Washington, D. C.	71	6		.91		.30
Lynchburg, Va.	72	6		.80		
Cape Henry, Va.	71	9		.91	.89	
Norfolk, Va.	73	7		.98	1.92	
Charlotte, N. C.	74	6		1.05		.25
Raleigh, N. C.	73	7		1.09	1.21	
Kittyhawk, N. C.	73	5		1.01	.39	
Hatteras, N. C.	72	6		.98		.68
Wilmington, N. C.	75	5		1.29		1.09
Columbia, S. C.	77	7		.91		.01
Charleston, S. C.	78	4		1.24		.24
Augusta, Ga.	78	6		1.05		.05
Savannah, Ga.	78	4		1.52		1.52
Jacksonville, Fla.	79	1		1.21		1.21
Jupiter, Fla.	78	2		1.66		1.56
Key West, Fla.	82	0		.93		.93
Gulf States:						
Atlanta, Ga.	75	5		.85		.45
Tampa, Fla.	80	0		1.43		.53
Pensacola, Fla.	79	3		1.21	.79	
Mobile, Ala.	79	1		1.32	3.88	
Montgomery, Ala.	78	4		1.09		.59
Vicksburg, Miss.	78	0		1.04	1.96	
New Orleans, La.	79	0		1.49	2.91	
Shreveport, La.	78	4		.91		.91
Fort Smith, Ark.	74	2		1.05	3.75	
Little Rock, Ark.	76	2		1.08		.58
Palestine, Tex.	77	3		1.10		.30
Galveston, Tex.	80	0		1.26		.56
San Antonio, Tex.	79	1		.66	1.14	
Corpus Christi, Tex.	79	1		.70		.60
Ohio Valley and Tennessee:						
Memphis, Tenn.	77	1		1.14		.24
Nashville, Tenn.	75	5		.98		.98
Chattanooga, Tenn.	74	6		1.00		
Knoxville, Tenn.	72	6		.93	.07	
Louisville, Ky.	73	5		1.01	.99	
Indianapolis, Ind.	71	3		1.09		.79
Cincinnati, Ohio	72	4		1.05		.05
Columbus, Ohio	69	7		.84		.74
Parkersburg, W. Va.	70	6		.68	.52	
Pittsburg, Pa.	70	4		.77	.03	
Lake Region:						
Oswego, N. Y.	62	2		.77		.77
Rochester, N. Y.	64	8		.77		.57
Buffalo, N. Y.	63	5		.84		.84
Erie, Pa.	64	6		.68		.48
Cleveland, Ohio	66	4		.91		.51
Sandusky, Ohio	66	6		.98		.18
Toledo, Ohio	67	7		.84		.54
Detroit, Mich.	65	5		.88	.12	
Lansing, Mich.	65	5		.96		.06
Port Huron, Mich.	62	6		.84		.04
Alpena, Mich.	58	6		.91	1.60	
Sault Ste. Marie, Mich.	59	1		.70		.20
Marquette, Mich.	57	7		.84		.64
Green Bay, Wis.	65	1		.81	.19	

a The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended June 16, 1899—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	a Excess.	a Deficiency.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Grand Haven, Mich.....	61	3	.....	.95	.....	.85
Milwaukee, Wis.....	61	5	.....	.98	.22	.....
Chicago, Ill.....	64	6	.....	.91	.....	.01
Duluth, Minn.....	55	5	.....	1.11	.....	.21
Upper Mississippi Valley:						
St. Paul, Minn.....	66	.....	0	1.06	.74	.....
La Crosse, Wis.....	67	1	.....	1.03	4.97	.....
Dubuque, Iowa.....	67	3	.....	1.21	.....	.51
Davenport, Iowa.....	69	1	.....	1.09	.....	.89
Des Moines, Iowa.....	69	1	.....	1.35	.....	1.85
Keokuk, Iowa.....	70	2	.....	1.05	.....	.15
Hannibal, Mo.....	71	1	.....	1.08	.02	.....
Springfield, Ill.....	71	1	.....	1.12	.08	.....
Cairo, Ill.....	74	2	.....	1.05	.45	.....
St. Louis, Mo.....	74	2	.....	1.26	.....	.16
Missouri Valley:						
Columbia, Mo.....	74	.....	.....	1.09	.71	.....
Springfield, Mo.....	70	2	.....	1.02	.88	.....
Kansas City, Mo.....	72	.....	0	1.19	.51	.....
Topeka, Kans.....	72	.....	2	1.33	.....	.03
Wichita, Kans.....	71	.....	1	1.29	2.11	.....
Concordia, Kans.....	71	.....	1	1.12	.98	.....
Lincoln, Nebr.....	70	.....	2	1.07	.13	.....
Omaha, Nebr.....	69	1	.....	1.30	.....	1.00
Sioux City, Iowa.....	69	.....	1	.84	.56	.....
Yankton, S. Dak.....	67	1	.....	1.01	.....	.71
Valentine, Nebr.....	67	.....	3	.82	.....	.52
Huron, S. Dak.....	66	.....	2	.84	.....	.44
Pierre, S. Dak.....	67	.....	3	.81	.....	.41
Moorhead, Minn.....	65	.....	3	.96	.....	.36
Bismarck, N. Dak.....	62	.....	3	.94	.....	.74
Williston, N. Dak.....	62	.....	10	.83	.....	.03
Rocky Mountain Region:						
Havre, Mont.....	60	.....	4	.68	.....	.48
Helena, Mont.....	56	.....	4	.61	.....	.51
Miles City, Mont.....	65	.....	7	.82	.....	.42
Rapid City, S. Dak.....	63	.....	3	1.04	.....	.84
Spokane, Wash.....	61	.....	5	.45	.....	.35
Walla Walla, Wash.....	63	.....	1	.35	.....	.25
Baker City, Oreg.....	54	.....	0	.40	.....	.40
Winnemucca, Nev.....	59	.....	1	.21	.....	.21
Boise, Idaho.....	62	.....	4	.21	.....	.21
Salt Lake City, Utah.....	64	.....	4	.21	.....	.21
Lander, Wyo.....	60	.....	8	.28	.....	.28
Cheyenne, Wyo.....	58	.....	2	.39	.....	.29
North Platte, Nebr.....	66	.....	2	.80	.....	.70
Denver, Colo.....	64	.....	2	.31	.09	.....
Pueblo, Colo.....	66	.....	0	.28	.82	.....
Dodge City, Kans.....	71	.....	3	.77	6.75	.....
Oklahoma, Okla.....	75	.....	3	.84	.....	.04
Amarillo, Tex.....	72	.....	4	.76	.24	.....
Abilene, Tex.....	76	.....	0	.80	.40	.....
Santa Fe, N. Mex.....	62	2	.....	.21	.....	.11
El Paso, Tex.....	78	.....	0	.07	.23	.....
Phoenix, Ariz.....	81	3	.....	.00	.....	.00
Pacific Coast:						
Seattle, Wash.....	59	.....	1	.28	.02	.....
Tacoma, Wash.....	58	.....	2	.42	.....	.02
Fort Canby, Wash.....	55	.....	5	.63	.....	.33
Portland, Oreg.....	61	.....	3	.49	.....	.49
Roseburg, Oreg.....	59	1	.....	.35	.....	.35
Eureka, Cal.....	55	.....	5	.40	.....	.40
Redbluff, Cal.....	72	8	.....	.14	.....	.14
Carson City, Nev.....	60	2	.....	.14	.....	.14
Sacramento, Cal.....	67	5	.....	.07	.....	.07
San Francisco, Cal.....	58	.....	2	.07	.....	.07
Fresno, Cal.....	72	8	.....	.05	.....	.05
San Luis Obispo, Cal.....	62	.....	2	.07	.....	.07
Los Angeles, Cal.....	65	.....	3	.05	.....	.05
San Diego, Cal.....	64	.....	4	.03	.....	.03
Yuma, Ariz.....	83	1	.....	.00	.....	.00

a The figures in these columns represent the average daily departure.

FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

Cholera, yellow fever, plague, and smallpox as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 31, 1898, to June 16, 1899.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Japan:				
Yokohama.....	Apr. 14-Apr. 21...	1	1	
India:				
Bombay.....	Dec. 20-May 11...		19	
Calcutta.....	Nov. 26-May 6...		516	
Madras.....	Nov. 19-May 12...		31	
Singapore.....	Dec. 1-Dec. 30...		1	

YELLOW FEVER.

Brazil:				
Bahia.....	Dec. 24-Apr. 30...	156	70	Yellow fever epidemic.
Itú.....	Mar. 21.....			
Rio de Janeiro.....	Nov. 11-Apr. 14...		388	
Colombia:				
Barranquilla.....	Dec. 2-Mar. 4...	8	8	
Cartagena.....	May 6-May 13...	1	1	
Panama.....	May 28-June 3...	4	1	
Cuba:				
Guantanamo.....	Apr. 22.....	1	1	On barkentine St. Paul.
Havana.....	Dec. 16-Apr. 13...		9	
	Apr. 18.....	2		Removed from steamship North Anglia.
Matanzas.....	Mar. 16-Mar. 30...	2		One in United States Army.
Puerto Principe.....	June 5.....	1		In United States troops.
Mexico:				
Cordoba.....	May 29.....	1		
Tampico.....	Apr. 20-June 4...	3	1	
Vera Cruz.....	Dec. 8-June 1...		192	

PLAGUE.

Arabia:				
Aden.....	Apr. 7.....	1		On steamship Caledonia.
Djiddah.....	Feb. 22-Mar. 31...		120	
Mascot.....	Apr. 12.....	2		
China:				
Hongkong.....	Dec. 10-Jan. 21...	2	2	
	Mar. 8-May 6...	142	148	
Egypt:				
Alexandria.....	May 22-May 27...	7		
Formosa: Total.....	Jan. 1-Apr. 28...	1,629	1,195	
Taihu.....	Jan. 12-Apr. 22...	9	1	
Taihoku.....	Apr. 25.....	2		
Tainan.....	Jan. 9-Apr. 22...	574	388	
Taipeh.....	Apr. 22.....	33	22	
Taiwan.....	Dec. 31.....			Plague exists.
Tamsui.....	Jan. 1-Apr. 26...		1,221	
India:				
Bombay.....	Nov. 22-May 11...		5,541	
Calcutta.....	Jan. 21-May 6...		1,110	
Madras.....	Mar. 18-Apr. 21...		4	
Madagascar:				
Tamatave.....	Nov. 26-Feb. 8...	309	210	
Mauritius:				
Port Louis.....	Jan. 25.....	1	1	
Straits Settlements:				
Penang.....	May 27.....			Plague reported.

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX.

Places.	Date.	Cases.	Deaths.	Remarks.
Africa:				
Lorenzo Marquez.....	Dec. 1-Dec. 24...	18		
Arabia:				
Haneguine.....	May 2.....			Smallpox epidemic.
Argentina:				
Buenos Ayres.....	Nov. 1-Nov. 30...		5	
Austria:				
Prague.....	Apr. 29-May 6...	6		
Belgium:				
Antwerp.....	Dec. 3-May 28...	74	29	
Ghent.....	Mar. 25-Apr. 8...		2	
Brazil:				
Bahia.....	Nov. 19-Apr. 30...	172	15	
Rio de Janeiro.....	Nov. 11-Apr. 14...	147	97	
Canada:				
Ontario:				
Coburg County.....	Jan. 30-Feb. 22...	1		
Dundas County.....	do.....	1	1	
Dunham County.....	do.....	1		
Essex County.....	do.....	1		
Grenorth County.....	do.....	5	1	
Kent County.....	do.....	3		
Northumberland County.....	do.....	1		
Prescott County.....	do.....	15	3	
Stormont County.....	do.....	11	1	
York County.....	do.....	3		
Province of Quebec.....	Jan. 26-Apr. 21...	14	1	
China:				
Fuchou.....	Feb. 23.....			Smallpox prevalent.
Hongkong.....	Jan. 1-Apr. 15...	34	21	
Ceylon:				
Colombo.....	Dec. 24-Dec. 31...		1	
Colombia:				
Baranquilla.....	Mar. 25-Apr. 15...	8		
Cuba:				
Dos Caminos.....	May 13.....	1		
Havana.....	Dec. 30.....	1		In United States Army.
Santiago.....	Apr. 14-Apr. 20...		1	
	Feb. 23-Mar. 21...	2		On steamship Thomas Brooks.
	Apr. 8-Apr. 15...	4		
Egypt:				
Cairo.....	Jan. 16-Apr. 29...		10	
England:				
Liverpool.....	Dec. 3-May 13...	4	1	
London.....	Dec. 17-May 27...	17	4	
South Shields.....	Jan. 21-Jan. 28...	1		
Sunderland.....	Jan. 15-Jan. 21...	2		
Formosa.	Feb. 10-Mar. 10...		2	
France:				
Paris.....	Dec. 24-Feb. 11...		3	
Germany:				
Breslau.....	Apr. 26.....			Smallpox reported.
Donstedt.....	May 9.....			Do.
Hamburg.....	Apr. 8-May 6...	5		
Gibraltar	Jan. 30-Feb. 12...	2	1	
Greece:				
Athens.....	Mar. 11-May 27...	441	106	
India:				
Bombay.....	Nov. 22-May 11...		69	
Calcutta.....	Nov. 19-May 6...		21	
Colombo.....	Dec. 24-Dec. 31...		1	
Madras.....	Nov. 26-May 12...		11	
Singapore.....	Dec. 1-Jan. 31...		22	
Italy:				
Milan.....	Jan. 22-Jan. 28...	1		
Japan:				
Awamori Ken.....	Nov. 18-Dec. 31...	126	28	
Chiba Ken.....	Dec. 9-Dec. 31...	1		
Hiogo Ken.....	Nov. 18-Dec. 8...	1		
Iwate Ken.....	Dec. 9-Dec. 31...	1		
Kanagawa Ken.....	Nov. 18-Dec. 8...	1		
Nagano Ken.....	Dec. 9-Dec. 31...	1		
Nagasaki Ken.....	Apr. 1-May 8...	6	1	
Oosaka and Hiogo.....	Mar. 4-Apr. 22...	3		
The Hokkaido.....	Nov. 18-Dec. 8...	8		
Tottori Ken.....	Nov. 18-Dec. 8...	3		
Korea:				
Seoul.....	Jan. 1-Mar. 25...			Smallpox endemic.

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Madagascar:				
Tamatave	Jan. 18-Jan. 25...	8	.....
Tananarive	Nov. 26-Jan. 18...	123	6	
Mexico:				
C. P. Diaz	Jan. 10.....	.....	.....	Smallpox endemic.
Chihuahua.....	Feb. 11-Feb. 25...	10	.....
City of Mexico	Jan. 7-June 3.....	.....	20	
Puerto	Dec. 31-May 21...	51	51	
Guerrero.....	Apr. 11.....	2	.....
Monterey.....	Mar. 13.....	2	.....
Nuevo Laredo	Feb. 18.....	15	.....
Vera Cruz.....	Dec. 2-Jan. 5.....	.....	3	
.....	Jan. 29-May 20...	11	6	
.....	Jan. 5-Apr. 27...	.....	6	
Nicaragua:				
Bluefields	Apr. 18-May 6...	2	0	
Russia:				
Moscow.....	Dec. 24-May 13...	187	66	
Odesa.....	Jan. 7-May 20...	60	14	
St. Petersburg.....	Jan. 1-May 20...	153	19	
Warsaw.....	Jan. 16-May 6.....	.....	28	
Turkey:				
Bagdad.....	Oct. 22-Nov. 27...	96	20	
Beirut.....	Apr. 26-May 6.....	1	.....
Constantinople	Jan. 2-May 15.....	.....	156	
Rhodes.....	Apr. 17.....	1	.....
Smyrna.....	Dec. 25-Apr. 15...	.....	1	
Uruguay:				
Montevideo	Mar. 1-Apr. 10...	2	1	

Current quarantine measures.

[Translated in this Bureau from the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, May 25, 1899.]

BELGIUM.—The requirements of articles 1 to 4 of the royal proclamation of April 5, 1897, with regard to measures for preventing the introduction of plague are put in force from May 8, 1899, for arrivals from the part of the Arabian coast of the Red Sea, declared infected, viz, between Leith and Yambo, exclusive of the places named. Such arrivals shall be treated at the quarantine stations in the Scheldt, at the port of Ostend, or Newport, or at Selzaete in the manner required by the Venetian Convention.

BRITISH EAST INDIES.—By an official notice published before the opening of the pilgrim season, persons intending to make the pilgrimage were informed that in consequence of the existence of plague in various ports of India the Government would permit the pilgrimage of this year only on condition of the pilgrims undergoing a ten days' quarantine at the isolation station of Chittagong before embarking. Pilgrims are also earnestly advised to defer the pilgrimage till a more favorable season, not only on account of the uncertain condition of the country between Djiddah and Mecca, but because the Turkish sanitary authorities enforce the strictest quarantine measures against pilgrims arriving from plague-infected India.

During the present year only 2 pilgrim vessels have left for the Hedjaz, carrying in all 1,446 pilgrims. The small number of Hindoo pilgrims as compared with the proportion of the Mohammedan population of India is due to the famine of last year and to the prevalence

of plague. Pilgrims are subjected to ten days' observation and disinfection of effects in quarantine camps specially constructed and equipped before being conveyed by train to the place of embarkation. Each receives a health pass. During the voyage the pilgrims are cared for on board ship. The sanitary conditions of the headquarters at Chittagong, which are designed for 800 people, and in which the larger number of pilgrims, 1,338 persons, have passed their time of detention, has been reported as in good condition. In order to prevent the introduction of plague into the camp, each person on arrival is subjected to medical inspection.

EGYPT.—The Government has ordered an oversight by coast guards of all ways of egress from the Red Sea. This measure is put into effect for the coast line of the Red Sea from May 1 and for the Suez Canal from May 15. By this means an unbroken chain of guard will stretch along the Port Said-Suakim line. Each guard shall consist of an officer and 2 soldiers. No returning pilgrims shall be permitted to enter Egypt until they have completed their quarantine in the camps at Tor. At the same time a number of coast steamers are to cruise in the Red Sea to prevent any secret landing of pilgrims who have no sanitary pass.

HONGKONG.—According to advices of April 12, the sanitary authorities at Hongkong have declared district No. 9 of the city of Victoria to be plague infected.

SANITARY REPORTS FROM THE CENTRAL AMERICAN AND COLOMBIAN FRUIT PORTS.

BRITISH HONDURAS.

Belize.—Acting Assistant Surgeon Knight reports June 1, that the sanitary condition of Belize is good, with malarial fevers quite prevalent. During the week ended June 1 there were 2 deaths in the town of Belize. Seven vessels were inspected at that port during the month of May.

COLOMBIA.

Bocas del Toro.—Act. Asst. Surg. H. B. Mohr reports, June 3, as follows:

I have the honor to submit report for the week ended Friday, June 2, 1899.

The following vessels have sailed from this port during the week: May 27, steamship *Fulton*, 14 crew, to New Orleans, no passengers; steamship *Kitty*, 19 crew, to Mobile, no passengers. May 31, steamship *John Wilson*, 17 crew, to Mobile, 3 passengers. June 1, steamship *España*, 14 crew, to New Orleans, 1 passenger.

The health conditions of this port and the surrounding country continue very satisfactory. Continued heavy rains and unusually high tides have had a very cleansing effect. Physicians report very few cases of malaria, and those only of the mildest form. Only 1 death occurred during the week, a female, native, from cerebral hemorrhage.

I have been struck by the rarity of enteric troubles here, which is remarkable when the poor and often badly prepared food on which the majority of the people subsist is considered. A competent practitioner tells me that gastric and enteric complaints among infants and children are seldom met with in his practice.

There has been quite an influx of foreigners, chiefly from the United

States, in the past few months, and thus far all seem to bear the climate and conditions here well.

I am still without advices as to the sanitary conditions of Panama and Colon, with which latter place there continues constant communication.

COSTA RICA.

Limon.—Acting Assistant Surgeon Carson reports, May 31, as follows: I respectfully report herewith that the port and also the department of Limon remain free from contagious or infectious disease.

There has been no increase in the number of patients, who have been very few for some time past, in either of the hospitals of Limon—3 in Costa Rica Railway Hospital, and 9 in the Charity Hospital; over three-fourths of these are of the colored race, and there are no reasonable grounds for even as much as a suspicion of the presence of any disease, contagious or infectious in the said hospitals, the town proper, nor in the department of Limon.

Since the last report, 27th instant, 1 death, the result of acute pneumonia, occurred on the 30th instant, in the Limon Charity Hospital.

June 2 as follows: I respectfully report herewith that the port and also the department of Limon, Costa Rica, are at this date free from contagious or infectious disease.

The 3 patients in the Costa Rica Railway Hospital (Limon) referred to in last report of 31st ultimo, with mild attacks of malarial fever, were discharged yesterday. The hospital is without a sick inmate to-day.

There have been no additions to the 9 patients (4 white and 5 colored) in the Limon Charity Hospital, and there is nothing suspicious or any cause for apprehension from that quarter.

There was 1 death in the "Port" on the 31st ultimo, an aged female of 65 years, resulting from chronic albuminuria, and another on the 1st instant, a female infant, reported as the result of debility.

NICARAGUA.

Bluefields.—Act. Asst. Surg. D. W. Goodman reports, June 2, as follows: Bluefields is free from infectious or contagious diseases, and the health of this place and the territory in proximity thereto is good.

CUBA.

Sanitary report from Cienfuegos.

CIENTFUEGOS, CUBA, June 6, 1899.

SIR: I have the honor to make the following report for the week ended June 3, 1899:

The most important sanitary event of the week was the sudden advent of the rainy season, which has been so long expected and needed. With the natural reserve of water about exhausted, cisterns low and foul, wells and springs dry and the city water undrinkable, a serious outbreak of intestinal troubles was daily expected. I hope, however, that danger is now past, for the half dozen heavy rains have laid the dust and put several inches of water into the cisterns.

During the week there were 31 deaths reported, of which 8 were from enteritis, 9 from malaria, 2 from typhoid fever and 1 from tuberculosis.

The minor improvements begun some weeks ago are now completed,

the painting of the disinfecting house has been finished, one coat of priming and two of white zinc having been put on. Davits have been put up so the boat can be hoisted and cleaned, and the small wharf improved so that the boat can come alongside in rough weather without injuring it.

Respectfully, yours,

S. B. GRUBBS,

Assistant Surgeon, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Yellow fever in Havana.

Sanitary Inspector W. F. Brunner reports, June 15, 1 case of yellow fever, a marine in barracks; diagnosis confirmed by post-mortem. The United States Marine-Hospital Service is performing disinfection. Two cases of yellow fever exist in the city of Puerto Principe.

Sanitary report from Havana.

HAVANA, CUBA, June 2, 1899.

SIR: I have the honor to submit the following report for the week ended Thursday, June 1, 1899:

No deaths from yellow fever or smallpox have been reported during the week. Deaths from all causes show a slight increase over the preceding week. The death rate is about the normal one for Havana for this season of the year, excluding the years 1896, 1897, and 1898.

I have seen some statistics published in papers here and in the States, which would go to show that the town is abnormally healthy; such is not the case; for with the exception of the years enumerated above, the average year would show an equally low death rate.

The strike of the lightermen still continues, and vessels bound for northern ports in the United States are allowed to discharge cargo and receive same, at selected wharves on the Havana side of the harbor during the daytime, going out into the open bay between the hours of sunset and sunrise.

We are now disinfecting steamers of the Morgan Line plying between this port and New Orleans. So far we have disinfected the *Aransas* and *Clinton*.

On account of the prevalence of yellow fever at Vera Cruz, Mexico, medical officers detailed for the inspection of incoming vessels have been instructed to make most careful inspection of vessels, crews, and passengers.

The weather is becoming intensely warm, with occasional rains.

Very respectfully,

W. F. BRUNNER,

Sanitary Inspector, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine Hospital Service.

Mortality of the city of Havana, Cuba, for the week ended Thursday, June 3, 1899.

Causes of death.	Num-ber.
Enteric fever.....	4
Pernicious fever.....	2
Malarial fever.....	6
Measles.....	1
Cramp.....	1
Enteritis.....	17
Pneumonia.....	11
Tuberculosis.....	22
Total.....	64

Sanitary report from Matanzas.

MATANZAS, CUBA, June 6, 1899.

SIR: I have the honor to report that there were 32 deaths in the city of Matanzas during the week ended June 3, 1899, representing a mortality for the week of 40.46 per thousand, an increase over the previous week. The principal causes of death were as follows: Enteritis and gastro-enteritis, 6; tuberculosis, 5; malaria, 4; hydræmia, 3; dysentery, 2; diphtheria, 1; pneumonia, 1; bronchitis, 1.

The following cases were reported during the week: Diphtheria, 2; dysentery, 2; leprosy, 1; typhoid fever, 1.

I am pleased to be able to report that the steamship *Hermann*, disinfected at this port May 14, was given pratique at the port of Mobile without quarantine detention. The above-named vessel returned to this port on the 2d instant via Havana, and on the 3d, after discharging her cargo, disinfection was begun, the process being finished on the 5th, when the vessel proceeded to her destination—Mobile, Ala.

Very respectfully,

G. M. GUITERAS,

Passed Assistant Surgeon, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,

U. S. Marine-Hospital Service.

Sanitary report from Santiago.

SANTIAGO DE CUBA, May 27, 1899.

SIR: I have the honor to report that during the week ended May 27, there was a total of 17 deaths in the civil population of this city. The causes of death were as follows: Tuberculosis, 5; meningitis, 1; tetanus (infantile), 2; malarial diseases, 2; heart disease, 2; Bright's disease, 2; dropsy, 3; total, 17.

During the same week 31 vessels were inspected—20 upon arrival, 11 prior to departure.

The general health of the city seems to be improving; this is due principally to an abundant supply of good food. The water supply still continues intermittent; new mains are being laid, which will increase the water supply considerably. The streets are being improved by being asphalted. At present about 5 blocks have been completed.

During the same week 289 health certificates were issued to individuals going to the United States.

On Sunday, May 21, the personal effects of 181 discharged soldiers were disinfected by steam and formalin on board the *Rough Rider*. On Monday the Norwegian steamship *Ella*, bound for Mobile, was disinfected.

At the suggestion of Surgeon H. R. Carter, all baggage of non-immunes going from this place to Baracoa, Gibara, and Nuevitas, on the north coast, will be disinfected here.

Guantanamo.—Sanitary Inspector Fernando Nin y Caballero reports that for the week ended May 20 there was a total of 9 deaths at Guantanamo. The causes of death were as follows: Malarial diseases, 3; tuberculosis, 2; enteritis, 1; apoplexy, 1; chronic diarrhea, 1; rickets, 1; total, 9. Eight vessels were inspected—7 on arrival and 1 on departure.

Daiquiri.—Sanitary Inspector Juan J. de Jongh reports for the week ended May 27 a total of 1 death—cause, ictericia grava. There was 1 vessel inspected, both on arrival and departure.

Respectfully, yours,

HERMAN B. PARKER,

Assistant Surgeon, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,

U. S. Marine-Hospital Service.

DANISH WEST INDIES.

Quarantine restrictions against Island of Marguerite revoked.

LEGATION OF THE UNITED STATES,

Copenhagen, May 23, 1899.

SIR: I have the honor to report that the quarantine imposed by the Government of the Danish West Indies on ships arriving from the Island of Marguerite, off the coast of Venezuela, was revoked March 23 last.

I have the honor to be, sir, your obedient servant,

LAURITS S. SWENSON.

The honorable the SECRETARY OF STATE.

EGYPT.

Plague in Alexandria.

ALEXANDRIA, EGYPT, May 27, 1899.

SIR: Herewith I inclose the translation of the report of Rogers Pasha, respecting the outbreak of plague in Alexandria, I have only to add 3 cases that were discovered yesterday, the 26th, all of whom are doing well, and up to to-day not a single case of death. That makes in all 7 cases; none of the cases seem to take a virulent form. I will inform you immediately if the plague takes a serious form.

Yours, respectfully,

J. F. LOVE.

The SUPERVISING SURGEON-GENERAL,

U. S. Marine-Hospital Service.

[Inclosure.]

ALEXANDRIA, EGYPT, May 26, 1899.

The following is a translation of the report addressed by his excellency Sir John Rogers Pasha, K. C. M. G., to the minister of the interior on the outbreak of plague in Alexandria:

A Greek, of about 19 years of age, was admitted to the Greek Hospital at Alexandria on May 2; he had a high fever and an inguinal bubo. The case was isolated and treated as suspicious. This man had not been out of Alexandria for three years. He was employed in a grocery, but lived in a house a part of which was used as an hotel fre-

quented by Greeks and Jews passing through Alexandria. The case was examined bacteriologically, but the bacillus found was not absolutely typical of plague, although suspected. There was no extension of the disease in the house inhabited by this man, although a thorough examination was made of all the persons living on the premises. It was impossible to ascertain with any degree of certitude when he had been infected. He is at present quite convalescent.

On May 16, a boy, who fell ill on the 15th, was admitted to the Greek Hospital; he had a high fever and a bubo under the left armpit. From a clinical and bacteriological point of view, this was really a case of plague, and on the conclusion of the bacteriological examination on the 20th instant it was so officially notified. The patient is now convalescent. The boy lived in the same street (Hammamil street) as the first patient, but there was no connection between the two cases. A woman occupying the same house as this boy was a washerwoman. Up to the present it has been impossible to find out the origin of the infection. Neither of the 2 cases is of the infectious form, and there is no danger of propagation to be feared from those two cases. Special measures are being taken to discover any fresh case in the quarter, and a house-to-house inspection is being carried out.

The board of health published the following bulletin yesterday at noon:

Total cases acknowledged since May 4, 4, of whom 3 are Greeks and 1 native. All 4 under treatment.

Arrivals from Alexandria at the ports of Cyprus will have to undergo eleven days' quarantine. Arrivals from the other ports of Egypt will only have to go through a medical inspection.

Vessels arriving from Egyptian ports at Malta without a clean bill of health will have to pass through a ten days' quarantine. If, however, there is a doctor on board, the ten days will be considered as having commenced with the date of the vessel's departure from the Egyptian port. If there is a clean bill of health no quarantine will be necessary, but a rigorous medical inspection and a process of disinfection will have to be undergone.

GERMANY.

Scarlet fever and diphtheria epidemic at Atzendorf.

CONSULATE OF THE UNITED STATES OF AMERICA,
Magdeburg, Germany, May 27, 1899.

SIR: I have the honor to state that an epidemic of scarlet fever and diphtheria is reported to have broken out at Atzendorf, in this consular district. No deaths have as yet been reported. The schools have, for the time being, been closed and other methods adopted to prevent the spreading of the diseases.

Respectfully, yours,

HENRY W. DIEDERICH,
United States Consul.

The honorable the SECRETARY OF THE TREASURY.

GIBRALTAR.

Gibraltar quarantine against Alexandria.

CONSULATE OF THE UNITED STATES,
Gibraltar, May 27, 1899.

SIR: I have the honor to state for general information, that in consequence of some cases of plague having occurred in Egypt, the board of health of Gibraltar, has to-day declared Alexandria an infected port. and arrivals therefrom will not be admitted to pratique; but coals and necessary provisions will be allowed to be supplied under rigid quarantine restrictions.

Respectfully, yours,

HORATIO J. SPRAGUE,
United States Consul.

The honorable the ASSISTANT SECRETARY OF STATE.

GUADALOUPE.

Quarantine restrictions against Porto Rico removed.

CONSULATE OF THE UNITED STATES,
Guadaloupe, May 16, 1899.

SIR: I have the honor to confirm the following telegram sent yesterday: "Secretary of State, Washington—Quarantine is removed against Porto Rico to-day—Ayme."

Referring to my number 128, dated May 9, I have to report that, subsequent to the sending of the above telegram, I received from the governor a letter, of which I inclose a copy and also a translation. My first information as to the raising of the quarantine came from the chief medical officer here, and stated that very rigid inspection would be practiced.

You will notice the governor informs me that vessels will be "at once admitted to free pratique." The qualification added by the chief medical officer is purely formal, as, in fact, no real medical inspection of vessels is ever made here, the negro pilots giving or withholding pratique.

I have written to the governor, thanking him for the courteous promptness with which he has acted upon the representations made to him under instructions.

I have the honor to be, sir, your obedient servant,

LOUIS H. Ayme,
United States Consul.

The honorable the ASSISTANT SECRETARY OF STATE.

[Inclosure.]

BASSE TERRE, *May 13, 1899.*

Mr. CONSUL: I have the honor to inform you that, in accordance with a decision of this date which I have approved, the quarantine imposed on arrivals from Porto Rico has been lifted, and all vessels coming from that American island will be admitted to free pratique immediately on their arrival in the colony.

Accept, Mr. Consul, the expression of my most distinguished consideration.

The Governor,

MORACCHINI.

To the CONSUL OF THE UNITED STATES, *Pointe a Pitre.*

MEXICO.

A case of yellow fever in Tampico.

DEPARTMENT OF STATE,
Washington, D. C., June 6, 1899.

SIR: By direction of the Secretary of State, I have the honor to inform you that the following telegram, dated the 4th instant, has been received from our consul at Tampico, Mexico—"One case yellow fever officially reported; probably sporadic."

I have the honor to be, sir, your obedient servant,

THOS. W. CRIDLER,
Third Assistant Secretary.

The honorable the SECRETARY OF THE TREASURY.

SIERRA LEONE.

Smallpox in Sierra Leone.

CONSULATE OF THE UNITED STATES,
Sierra Leone, May 4, 1899.

SIR: I have the honor herewith most respectfully to report an outbreak of smallpox in the colonial jail of this city. Between 38 and 40 cases have been discovered and removed to the smallpox hospital at Kissy. It was brought to Freetown by political prisoners from the protectorate. Stringent precautions are being taken to prevent its spread. If not speedily stamped out it will very greatly depress trade.

I have the honor to be, sir, your obedient servant,

JOHN T. WILLIAMS,
United States Consul.

The honorable the ASSISTANT SECRETARY OF STATE.

Sierra Leone quarantines against the French Ivory Coast.

CONSULATE OF THE UNITED STATES,
Sierra Leone, May 9, 1899.

SIR: I have the honor herewith most respectfully to report that the colonial authorities of Sierra Leone have quarantined against all vessels coming from the French Ivory Coast, or from any place having free communication therewith, on account of the prevalence of bubonic plague along and within the borders of the same. The coast of the infected country extends from the Gold Coast boundary on the east to the Liberian boundary on the west.

I have the honor to be, sir, your obedient servant,

JOHN T. WILLIAMS,
United States Consul.

The honorable the ASSISTANT SECRETARY OF STATE.

TURKEY.

Sanitary report from Constantinople.

[Report No. 218.]

CONSTANTINOPLE, May 24, 1899.

BUBONIC PLAGUE IN ALEXANDRIA.

SIR: The news of the appearance of bubonic plague in Alexandria reached here the 20th instant, but the date of the first case of said disease observed is the 2d instant. Both cases were observed at the Greek hospital of Alexandria. The diagnosis of bubonic plague was made only on the appearance of the second case, on the 18th instant. Both cases presented the same symptoms. Fever, dizziness, and bubo. In the first case the bubo was in the groin, in the second it was present in the armpit. Both patients got well. They are inhabitants of Alexandria, and had not been away from said town nor had they any relation with travelers or other people coming from places where plague does exist. Therefore, we must believe that these 2 cases are not the only plague cases which exist in that town. It has been said that a case of suspected plague was observed in Cairo. No wonder if in other

places in Egypt or in Turkey bubonic plague has already broken out. In many of my reports I have spoken of the sanitary smuggling, the contrebande sanitaire, which is going on regularly on all the seashores of the Red Sea as well as the Mediterranean. The Alexandria plague cases have been attended in the hospital, otherwise both said cases would pass unnoticed.

The International Sanitary Commission in Alexandria has decided that all passengers, before quitting that town, shall undergo a medical examination; said examination will also be made of the crew. The belongings and wearing apparel of said crew, as well as of the deck passengers, will be disinfected.

QUARANTINE ESTABLISHED AGAINST ALEXANDRIA.

The Constantinople International Sanitary Commission has decided to submit to ten days' quarantine the ships carrying passengers coming from Alexandria. The passengers must land at the lazarettos and undergo an individual medical examination, with thorough disinfection of their belongings and wearing apparel. The crew will be submitted to the same sanitary treatment. Passengers coming from the other Egyptian seashore cities will be submitted only to a medical examination, with disinfection of their belongings. I must not omit to state that, excepting the lazarettos of Tripoli in Africa, Beirut, and Clazomenes, the Turkish cities in the Mediterranean have no disinfecting apparatus. Said disinfection, therefore, will be made very imperfectly by sprinkling on said wearing apparel a corrosive sublimate solution. The crews of said ships, not carrying passengers, will be submitted to the same treatment. I forward a French copy of said decision.

SANITARY NEWS FROM THE HEDJAZ.

The sanitary news from Djiddah, according to the official reports, is good. Since the 10th instant, no death from plague has been registered. The total number of plague deaths registered since the first outbreak of bubonic plague in that town is 120. Seventeen thousand pilgrims have already left Djiddah, coming to the Mediterranean. The first ship carrying pilgrims is already at Clazomenes, near Smyrna, where the pilgrims are undergoing quarantine. There are yet in Djiddah about 500 waiting for steamships coming to the Mediterranean. There are about 8,000 more awaiting steamships bound for Java.

The sanitary news from the other provinces of the Turkish Empire is good. No news from the dearth of food in Teheran.

In Constantinople the number of deaths registered during the two weeks from the 8th to the 22d instant is 414, from which 5 are from diphtheria, 4 from measles, 4 from smallpox, and 8 from typhoid fever.

Yours, respectfully,

SPIRIDION C. ZAVITZIANO,

U. S. Sanitary Commissioner.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine Hospital Service.

[Inclosure—Circular telegram to health officers dated May 23, 1899—Translated in this Bureau.]

1. By decision of the superior council of health, vessels arriving from the port of Alexandria, having left the said port after May 18, shall be subject to a quarantine of ten full days, with individual medical inspection on land and disinfection of the clothing and effects of passengers and crew at the lazarettos of Clazomenes, Beirut, and Tripoli in Africa.

2. Vessels carrying passengers arriving from other ports of the Egyptian littoral shall be subject at the said lazarettoes to individual medical inspection on land of passengers and crew, and to disinfection of clothing and effects.

3. Vessels without passengers arriving from other ports of the Egyptian littoral shall be subject only to individual medical inspection on board, with chemical disinfection of the clothing and effects of the crew in the first port having a sanitary physician.

4. Vessels arriving from beyond Suez with a clean bill of health, and which have passed the canal in quarantine and without communicating with Egypt, shall be received in free pratique.

5. The requirements of the regulations with regard to transit in quarantine of the Straits of the Dardanelles are applicable in this connection.

FOREIGN STATISTICAL REPORTS.

AFRICA—*Cape Town*.—Month of April, 1899. Estimated population, 65,000. Total number of deaths, 148, including 24 from phthisis pulmonalis.

ARABIA—*Aden*.—Week ended May 20, 1899. Estimated population, 30,000. Total number of deaths not reported. One death from enteric fever in the person of a ship's passenger. General health good.

AUSTRIA—*Brunn*.—Month of April, 1899. Estimated population, 83,000. Total number of deaths, 291, including 54 from phthisis pulmonalis.

BAHAMAS—*Dunmore Town*.—Four weeks ended May 29, 1899. Estimated population, 1,472. No deaths and no contagious diseases.

Governors Harbor.—Two weeks ended May 27, 1899. Estimated population, 1,500. Total number of deaths, 1. No contagious diseases.

Green Turtle Cay.—Week ended May 25, 1899. Estimated population, 3,900. No deaths and no contagion.

Nassau.—Two weeks ended May 29, 1899. Estimated population, 11,000. Number of deaths not reported. No contagious diseases reported.

BERMUDA.—Week ended May 26, 1899. Estimated population, 15,013. No deaths and no contagious diseases.

BRAZIL—*Ceara*.—Month of April, 1899. Estimated population, 50,000. Total number of deaths, 232. No contagious diseases reported.

CANADA—*Quebec*—*Sherbrooke*.—Month of May, 1899. Estimated population, 10,760. Total number of deaths, 13. No contagious diseases.

COLOMBIA—*Panama*.—Week ended May 23, 1899. Estimated population, 16,000. Number of deaths not reported. No contagious diseases reported.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended May 27, 1899, correspond to an annual rate of 16.0 a thousand of the aggregate population, which is estimated at 11,404,408. The highest rate was recorded in Manchester, viz, 21.4, and the lowest in West Ham, viz, 10.4.

London.—One thousand three hundred and sixty-six deaths were registered during the week, including measles, 61; scarlet fever, 5; diphtheria, 23; whooping cough, 34; enteric fever, 4, and diarrhea and

dysentery, 10. The deaths from all causes correspond to an annual rate of 15.7 a thousand. In Greater London, 1,786 deaths were registered, corresponding to an annual rate of 14.3 a thousand of the population. In the "outer ring" the deaths included 15 from diphtheria, 15 from measles, 1 from scarlet fever, 10 from whooping cough, and 1 from smallpox.

Ireland.—The average annual death rate represented by the deaths registered during the week ended May 27, 1899, in the 23 principal town districts of Ireland was 23.1 a thousand of the population, which is estimated at 1,053,188. The lowest rate was recorded in Armagh, viz, 0.0, and the highest in Clonmel, viz, 48.7 a thousand. In Dublin and suburbs 178 deaths were registered, including enteric fever, 4; measles, 1; influenza, 3; and whooping cough, 1.

Scotland.—The deaths registered in 8 principal towns during the week ended May 27, 1899, correspond to an annual rate of 16.9 a thousand of the population, which is estimated at 1,587,414. The lowest mortality was recorded in Greenock, viz, 8.5, and the highest in Perth, viz, 22.0 a thousand. The aggregate number of deaths registered from all causes was 516, including diphtheria, 1; measles, 11; scarlet fever, 3, and whooping cough, 17.

JAMAICA—Port Antonio.—Week ended May 13, 1899. Population not reported. The health of the port is good. No deaths reported.

JAPAN—Formosa—Tamsui.—Two weeks ended April 12, 1899. Estimated population, 2,610,000. Number of deaths not reported. Three hundred and fifty-three deaths from plague reported. In the Tainan and Taipeh prefectures the total number of cases since date of outbreak is 1,289; deaths, 906.

Two weeks ended April 26, 1899. Number of deaths not reported. Three hundred and thirty-nine cases of plague and 289 deaths are reported. For the prefectures of Tainan, Taipeh, and Taichu 1,629 cases, and 1,195 deaths are reported since date of outbreak.

JAVA—Batavia.—Two weeks ended April 22, 1899. Estimated population, 150,000. Number of deaths not reported. No contagious or epidemic diseases.

NEW BRUNSWICK—St. John.—Month of May, 1899. Estimated population, 45,000. Total number of deaths, 69. No contagious diseases reported.

ST. HELENA.—Five weeks ended May 13, 1899. Estimated population, 4,000. Total number of deaths, 4. No contagious diseases reported.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Acapulco.....	May 27.....	6,000	3									
Amherstburg.....	June 3.....	2,300	1									
Amsterdam.....	May 27.....	516,150	117						1	2		12
Antwerp.....	May 28.....	287,462	74			3		1	4		3	
Athens.....	May 27.....	200,000	0			6						
Barmen.....	May 26.....	137,000	40						1			
Belize.....	June 1.....	13,000	2									
Bergen.....	May 16.....	65,000	24									
Do.....	May 24.....	65,000	14							1		
Birmingham.....	May 20.....	510,343	199					1	1	2	4	
Do.....	May 27.....	510,343	141					2				12
Bluefields.....	do.....	3,018	2									
Bombay.....	May 2.....	821,764	a 1,099	3		3		2			6	
Do.....	May 11.....	821,764	b 1,047	1		8		1			41	
Bradford.....	May 20.....	231,260	85					1	1			1
Breslau.....	do.....	300,000	195					1	2			
Bristol.....	May 13.....	320,911	95									2
Brussels.....	May 20.....	551,611	182					1	2		6	2
Calcutta.....	Apr. 29.....	681,560	c 631	23		1						
Do.....	May 6.....	681,560	d 517	23		2		3				
Cartagena.....	May 20.....	25,000	7									
Do.....	May 27.....	25,000	13									
Catania.....	May 25.....	124,000	63					3		3		1
Chaudiere Junction.....	June 3.....	500	0									
Chihuahua.....	do.....	24,000	35			1		1		1	1	
Christiania.....	May 20.....	221,073	68						2			
Do.....	May 27.....	221,073	103									
Coburg.....	May 20.....	19,598	16									
Cologne.....	May 13.....	357,497	138					1	1	4		3
Do.....	May 20.....	357,497	142					1	2	1	2	
Colombo.....	Apr. 27.....	130,000	81					1				
Do.....	May 6.....	130,000	92					4				
Constantinople.....	May 22.....	750,000	186					5		3	2	
Copenhagen.....	May 20.....	351,000	131					2	1	2		9
Crefeld.....	May 27.....	110,000	30									
Dublin.....	May 20.....	349,594	180						1	1	2	3
Dusseldorf.....	do.....	202,679	65									1
Edinburgh.....	do.....	298,927	106					2	1		3	3
Flushing.....	May 27.....	18,371	8									
Frankfort-on-the-Main.....	May 20.....	253,000	78									
Geneva.....	May 13.....	98,348	27									
Ghent.....	May 27.....	162,652	58									
Girgenti.....	May 20.....	24,428	8							1		
Glasgow.....	do.....	724,349	290					1		5	2	2
Gothenburg.....	do.....	122,205	30							2	17	1
Guatemala City.....	May 22.....	65,000	47					2				
Halifax.....	June 3.....	45,000	16									
Hamburg.....	May 27.....	675,351	235									
Hamilton, Bermuda.....	May 30.....	16,000	1					1		4		15
Havre.....	May 13.....	119,470	74									1
Hongkong.....	May 6.....	248,710	e 149			3						
Kingston, Canada.....	June 9.....	18,800	4									
Leeds.....	May 27.....	425,889	124							3	4	2
Leghorn.....	May 21.....	104,702	40						1	1	3	
Do.....	May 28.....	104,702	42						1	1	3	
Leipsic.....	May 20.....	430,635	179							2		
Leith.....	do.....	77,385	33					1				5
Lieke.....	do.....	20,000	12					3				
Liege.....	do.....	169,757	55					1			2	1
Liverpool.....	do.....	668,645	293					3	1	2	9	8
Livingston, Guatemala.....	May 27.....	1,500	1									
London.....	May 20.....	6,528,434	1,867			1						
Do.....	May 27.....	6,528,434	1,786			1		6	10	32	66	55
Lyons.....	May 13.....	466,028	164					5	6	38	76	44
Do.....	May 20.....	466,028	182						1	1		
Madras.....	May 6.....	452,518	274	2		1						2
Do.....	May 12.....	452,518	344			1					1	
Magdeburg.....	Apr. 15.....	224,665	92						8	3		
Manchester.....	May 20.....	546,010	284					1	1		18	4
Mannheim.....	do.....	124,703	42									
Marseilles.....	May 25.....	447,344	243									

a Plague, 323.

b Plague, 272.

c Plague, 107.

d Plague, 85.

e Plague, 5.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Matamoras.....	May 27.....	16,304	7								
Do.....	June 4.....	16,304	13								
Mayence.....	May 20.....	80,000	32								1
Mazatlan.....	May 27.....	16,700	17								
Melbourne.....	Apr. 22.....	450,000									
Do.....	Apr. 29.....	450,000						4			
Messina.....	May 27.....	107,000	31					4			
Mexico.....	May 28.....	344,377	359			8	11		1	1	2
Monterey.....	May 26.....	25,000	56								
Moscow.....	May 13.....	1,000,000	556			6	1		4	11	7
Munich.....	do.....	445,000	225							2	3
Newcastle on Tyne.....	do.....	223,000	72						1		3
Do.....	May 20.....	223,000								3	2
Nuevo Laredo.....	May 27.....	6,000	10								1
Odessa.....	May 20.....	400,600	175			2		5	1	4	4
Palermo.....	do.....	300,000	113								
Panama.....	June 3.....	16,000		1							
Paris.....	May 20.....	2,511,955	972					8	5	10	31
Plymouth.....	May 27.....	99,848	29							1	5
Prague.....	May 20.....	190,260	145					5	3		3
Puerto Cortes.....	May 31.....	2,000	1								
Rotterdam.....	May 27.....	312,959	99							1	
St. Georges, Bermuda.....	do.....	2,150	0								
St. John, New Brunswick.....	June 3.....	45,000	13								
St. John, West Indies.....	May 6.....	15,000	3								
Do.....	May 13.....	15,000	10								
Do.....	May 20.....	15,000	15								
St. Stephen, New Brunswick.....	June 3.....	3,000	0								
St. Thomas, West Indies.....	May 19.....	12,019	9								
Sheffield.....	May 20.....	363,055	113							7	1
Do.....	May 27.....	363,055	121					1	2	5	1
Smyrna.....	May 14.....	300,000	47					3			1
Solingen.....	May 20.....	433,938	18					3		1	
Southampton.....	do.....	103,168	20					3		1	2
South Shields.....	May 13.....	102,312	30								
Do.....	May 20.....	102,312	29					3	1		
Stettin.....	do.....	153,000	57								
Stockholm.....	do.....	283,550	123					1	2	5	8
Stuttgart.....	May 25.....	162,934	61								2
Sunderland.....	May 20.....	145,613	56					2			
Trapani.....	do.....	45,095	15								
Trieste.....	do.....	165,000	66					1	2		
Tampico.....	Apr. 28.....	12,000	26								
Do.....	May 5.....	12,000	19								
Do.....	May 12.....	12,000	17								
Do.....	May 19.....	12,000	12								
Do.....	May 26.....	12,000	15								
Uttilla.....	May 20.....	550	0								
Do.....	May 27.....	550	0								
Do.....	June 3.....	550	0								
Vera Cruz.....	June 1.....	25,000	92	62							
Victoria.....	May 6.....	20,000	84								
Do.....	May 13.....	20,000	5								
Do.....	May 20.....	20,000	7					1			
Do.....	May 31.....	20,000	11								
Vienna.....	May 6.....	1,623,134	692					6	10	26	4
Do.....	May 13.....	1,623,134	717					4	13	24	5
Windsor.....	June 3.....	3,000	2								
Winnipeg.....	do.....	50,000									
Yokohama.....	May 5.....	189,455									
Zurich.....	May 20.....	161,357	41					1			2

By authority of the Secretary of the Treasury :

WALTER WYMAN,
Supervising Surgeon-General U. S. Marine-Hospital Service.